MONTHLY CATALOG

UNITED STATES GOVERNMENT PUBLICATIONS

MARCH 1969

Entries 3613-5008

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, VA 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

* For sale by SUPERINTENDENT OF DOCUMENTS

Φ For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, VA 22151

† Distribution made by Issuing Office. Not definitely available if unaccompanied by a price

‡ Printed for Official Use (not available for distribution)

● Sent to Depository Libraries

SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°	6–12 inches high and width more than ¾ of height
large 4°	over 12 inches high and width more than ¾ of height
small 4°	under 6 inches high and width more than ¾ of height
8°	8–10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°	10–12 inches in height
12°	7–8 inches in height
16°	6–7 inches in height
24°	5–6 inches in height
32°	4–5 inches in height
48°	up to 4 inches high
f°	above 12 inches in height
narrow	width less than ⅗ of height
oblong	width more than height

MONTHLY CATALOG

OF UNITED STATES GOVERNMENT PUBLICATIONS

MARCH 1969 Number 890

Entries 3613–5008

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, DC 20402 : 1969

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 50 CENTS PER COPY EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE
SUBSCRIPTION PRICE $6.00 PER YEAR (INCLUDING INDEX)
$1.50 ADDITIONAL FOR FOREIGN MAILING

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

Attractants for Japanese beetle. (Agriculture Department, Technical bulletin 1399.) 45c. ● A 1.36 : 1399

Cattle lice, how to control them. (Agriculture Department, Leaflet 456, revised.) 10c. ● A 1.35 : 456/4

EDPAC, utility programs for computer assisted editing, copy production and data retrieval. (National Bureau of Standards, Technical note 470.) 75c. ● C 13.46 : 470

Federal benefits for veterans and dependents. [Jan. 1969.] (Veterans' Administration, VA Fact sheet IS-1.) 30c. ● VA 1.34 : IS-1/12

Federal Communications Commission, 34th annual report, fiscal year 1968. (Federal Communications Commission.) $1.50. ● CC 1.1 : 968

Federal credit union act as amended to Aug. 1, 1968. (Federal Credit Unions Bureau, FCU-534.) 50c. ● FS 3.305 : F 31/968

Growing camellias. (Agriculture Department, Home and garden bulletin 86, slightly revised.) 15c. ● A 1.77 : 86/3

Growing dates in United States. (Agriculture Department, Agriculture information bulletin 207, revised.) 45c. ● A 1.75 : 207/3

Introduction to Defense Supply Agency. [Jan. 1969 edition.] (Defense Supply Agency.) 30c. ● D 7.2 : D 36/969

Labor law and practice in Chile. (Labor Statistics Bureau, BLS report 339.) 70c. ● L 2.71 : 339

Lawn insects, how to control them. (Agriculture Department, Home and garden bulletin 53, slightly revised.) 20c. ● A 1.77 : 53/5

Lewis and Clark, brief account of their expedition. [1969.] (Land Management Bureau.) 10c. ● I 53.2 : L 58/969

Minigardens for vegetables. (Agriculture Department, Home and garden bulletin 163.) 15c. ● A 1.77 : 163

Minimum property standards for low cost housing. (Housing and Urban Development Department, HUD handbook FHA 4515.1.) 30c. ● HH 1.6/6 : FHA 4515.1

Model cities program, questions and answers. (Housing and Urban Development Department, IP-99.) 15c. ● HH 1.27 : 99

Narcissus bulb fly. (Agriculture Department, Leaflet 444, revised.) 10c. ● A 1.35 : 444/2

Nineteenth century gallery of distinguished Americans. (National Portrait Gallery.) $1.75. ● SI 11.2 : Am 3

Operational accidents and radiation exposure experience 1943-67. (Atomic Energy Commission.) 60c. ● Y 3.At 7 : 2Ac 2/3/943-67

Potatoes in popular ways. (Agriculture Department, Home and garden bulletin 55, slightly revised.) 20c. ● A 1.77 : 55/4

Psychopharmacology, review of progress. (Public Health Service.) $11.25. ● FS 2.24 : P 95

Report of operations in Vietnam. (Army Department.) $6.00. ● D 101.2 : V 67

Roses for the home. (Agriculture Department, Home and garden bulletin 25, revised.) 20c. ● A 1.77 : 25/8

Safe use of hand and portable power tools. (Labor Standards Bureau, Bulletin 293.) 35c. ● L 16.3 : 293

Scientific and technical personnel in industry 1961–66. (Labor Statistics Bureau, Bulletin 1609.) $1.00. ● L 2.3 : 1609

Small engine repair. (Education Office, OE–87036.) 70c. ● FS 5.287 : 87036

Space resources for teachers, biology. (National Aeronautics and Space Administration, NASA EP–50.) $2.75. ● NAS 1.19 : 50

Standards for nuclear chemistry and technology, proceedings of symposium of American Chemical Society. (National Bureau of Standards, Special publication 310.) $1.25. ● C 13.10 : 310

Toward a social report. (Health, Education, and Welfare Department.) 55c. ● FS 1.2 : So 1/2

United States civil aircraft register. [Jan. 1969.] (Federal Aviation Administration.) $11.50. ● TD 4.18/2 : 969

Use of radium in consumer products. (Public Health Service.) 40c. ● FS 2.2 : R 11/25

Warehouse operations handbook. [Revised 1969.] (Federal Supply Service.) $1.50. ● GS 2.6/3 : W 22/969

Whooping cranes. (Fish and Wildlife Service, Resource publication 75.) 10c. ● I 49.66 : 75

Contents

Previews	III
Abbreviations, Explanation	VI
General Information	VII
How To Order Publications	VIII
New Classification Numbers	IX
Discontinued Series	X
Corrections for Previous Monthly Catalogs	X
List of Government Authors	XI
Monthly Catalog	1
Index	91

Abbreviations

add	addition, addendum, addenda.
amdt., amdts	amendment, amendments.
app	appendix, appendixes.
bk., bks	book, books.
chap	chapter, chapters.
Cong	Congress.
Dept	Department.
doc	document.
facsim	facsimile, facsimiles.
fy	fiscal year.
G.H.A	Greenwich hour angle.
H	House.
H. Con. Res	House concurrent resolution.
H. doc	House document.
H. ex. doc	House executive document.
H. J. Res	House joint resolution.
H.R	House of Representatives, House bill.
H. Res	House resolution.
H. rp	House report.
il	illustration, illustrations.
in	inch, inches.
lat	latitude.
long	longitude.
m	mile.
n. d	no date.
n. p	no place.
no., nos	number, numbers.
p	page, pages.
p. of pl	pages of plates.
par., pars	paragraph, paragraphs.
pl	plate, plates.
por	portrait, portraits.
pt., pts	part, parts.
rp	report.
S	Senate, Senate bill.
S. Con. Res	Senate concurrent resolution.
S. doc	Senate document.
S. ex. doc	Senate executive document.
S. ex. rp	Senate executive report.
S. J. Res	Senate joint resolution.
S. Res	Senate resolution.
S. rp	Senate report.
sec	section, sections.
sess	session, sessions.
Stat. L	Statutes at large.
supp	supplement.
tab	table, tables.
Treas	Treasury.
v	volume, volumes.
vs., *v*	versus.

Common abbreviations for the names of States, months, etc., are also used.

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information, are indicated by a farad (Φ) preceding the price. A black dot (•) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. Doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at senders' risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of $25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

Agricultural Research Service.

A 77.243 : Reserved

A 77.244 : date ..... Equine infectious anemia progress report and history in United States, fiscal year.

Engineers Corps (Army).

D 103.46 : Reserved

D 103.47 : CT ..... Flood plain information.

D 103.47/2 : CT ..... Floods [folders].

Army Department.

D 106.18 :-20 : Reserved

D 106.21 : nos ..... Natick Laboratories, Natick, Mass.: Technical reports.

Federal Power Commission.

FP 1.7/2 : date ..... Uniform system of accounts prescribed for natural gas companies (Class A and B, C, and D) (FPC A-102).

NOTE.—See, for earlier classes, FP 1.7 : G21/(date), FP 1.7 : G21/4/(date), and FP 1.7 : G21/5/(date).

Health, Education, and Welfare Department.

FS 1.33 : date ..... Reports of Career Service Board for Science.

National Institutes of Health.

FS 2.22/7-5 : date ..... National Institutes of Health training programs, fiscal year.

Public Health Service.

FS 2.93/5 : CT ..... Reports for consultation on air quality control regions.

FS 2.313 : date ..... Progress report, regional medical programs for heart disease, cancer, stroke, and related diseases.

NOTE.—See, for earlier publications, FS 2.22 : H 35/13.

Social and Rehabilitation Service.

FS 17.8/2 : CT ..... Manuals for volunteer probation programs.

Children's Bureau.

FS 17.216 : Reserved

FS 17.217 : CT ..... Addresses.

NOTE.—See, for earlier class, FS 14.110 : (CT).

Federal Supply Service.

GS 2.15 : date ..... Inventory of automatic data processing equipment in United States Government, fiscal year.

NOTE.—See, for earlier class, PrEx 2.12 :(date).

Interstate Commerce Commission.

IC 1 ste.19/3 : date ..... Operating revenues and operating expenses of class 1 railroads in United States (switching and terminal companies not included), statement Q-100 (R & E).

NOTE.—Replaces statements Q-100, Operating revenues and operating expenses (IC 1 ste.19 :); Q-100-AS, Advance summary of revenues, expenses, and net railway operating income (IC 1 ste.19/2 :); and Q-150, Operating revenues and operating expenses—selected items for large railroads (IC 1 ste.20 :).

Prisons Bureau.
J 16.24 : date — Basic data book (annual).
Library of Congress.
LC 1.32/2 : CT — Federal Library Committee publications.
Economic Opportunity Office.
PrEx 10.8/2 :-3 : Reserved
PrEx 10.8/4 : nos — OEO training manuals.
State Department.
S 1.70/5 : nos — International organizations series.
S 9.12/2 : v.nos — Treaties and other international agreements of United States, 1776–1949.
International Development Agency.
S 18.21/2 : CT — Bibliographies and lists of publications.
NOTE.—See, for earlier class, S 17.39/2 : (CT).
National Transportation Safety Board.
TD 1.112/4 : CT — Railroad-highway accident reports.
Federal Railroad Administration.
TD 3.5 : CT — Laws.
Federal Aviation Administration.
TD 4.17/4 : date — Current legal literature (bimonthly).
TD 4.17/5 : CT — Bibliographies and lists of publications.
Systems Research and Development Service.
TD 4.503 :-508 : Reserved
TD 4.509 : nos — Report RD (series).
NOTE.— This notice cancels the TD 4.23 : class with same title.

Y 3.Ed 8 : Reserved
National Advisory Council on Education of Disadvantaged Children.
Y 3.Ed 8/2 : 1/date — Annual report.
Equal Employment Opportunity Commission.
Y 3.Eq 2 : 12/nos — Equal employment opportunity reports.
Executive, Legislative, and Judicial Salaries, Commission on.
Y 3.Ex 3/3 : 1/date — Report.

Discontinued Series

Interstate Commerce Commission.
IC 1 ste.19 : date — Operating revenues and operating expenses of class 1 railroads in United States (switching and terminal companies not included), statement Q–100.
NOTE.—Discontinued with 4th qtr. 1967 issue.
Interstate Commerce Commission.
IC 1 ste.20 : date — Operating revenues and operating expenses, selected items for large railroads, statement Q–150.
NOTE.—Discontinued with 4th qtr. 1967 issue.
National Museum.
SI 3.6 : v.nos./nos — Proceedings of National Museum.
NOTE.—Discontinued with v. 125, 1968.

Corrections for Previous Monthly Catalogs

June 1968. Entry 7017, International conference on inborn errors of metabolism, proceedings, Dubrovnik, Yugoslavia, May 30–June 3, 1966. Change class to read FS 14. 102 : M56.

July 1968. Entries 9034–9037, Report RD-(series). Correct class to read : TD 4.509 : (nos.).

Aug. 1968. Entry 10787, Current legal literature, June–July 1967 [list]. Correct class to read : TD 4.17/4 : 967/1.

Jan. 1969. Entry 752, 660–D. Geological Survey research 1968, chap. D [short papers, with lists of references]. Correct the Professional paper number 660–D to read 600–D.

List of Government Authors

	Beginning Entry
Administration Office of United States Courts	3614
Advisory Commission on Intergovernmental Relations	3615
Agriculture Department	3631
Agricultural Research Service	3617
Consumer and Marketing Service	4102
Economic Research Service	4154
Farmers Home Administration	4229
Foreign Agricultural Service	4290
Forest Service	4295
Personnel Office	4850
Rural Electrification Administration	4917
Soil Conservation Service	4942
Statistical Reporting Service	4980
Arms Control and Disarmament Agency	3733
Atomic Energy Commission	3788
Civil Aeronautics Board	3869
Civil Rights Commission	3872
Civil Service Commission	3873
Commerce Department	3890
Business and Defense Services Administration	3826
Census Bureau	3828
Economic Development Administration	4150
Environmental Science Services Administration	4216
International Commerce Bureau	4422
National Bureau of Standards	4761
Patent Office	4838
United States Travel Service	4995
Congress	3928
Atomic Energy Joint Committee	3936
Economic Joint Committee	3938
House of Representatives	3939
Appropriations Committee	3983
Armed Services Committee	3984
Banking and Currency Committee	3987
Foreign Affairs Committee	3988
Government Operations Committee	3991
Interior and Insular Affairs Committee	3992
Post Office and Civil Service Committee	3995
Science and Astronautics Committee	3999
Small Business, Select Committee on	4003
Un-American Activities Committee	4004
Ways and Means Committee	4006
Senate	4007
Agriculture and Forestry Committee	4068

	Beginning Entry
Congress—Continued	
Senate—Continued	
Armed Services Committee	4069
Banking and Currency Committee	4073
Commerce Committee	4075
Finance Committee	4076
Foreign Relations Committee	4079
Government Operations Committee	4082
Interior and Insular Affairs Committee	4083
Judiciary Committee	4087
Labor and Public Welfare Committee	4091
Post Office and Civil Service Committee	4095–A
Public Works Committee	4096
Small Business, Select Committee on	4098
Court of Customs and Patent Appeals	4119
Defense Department	4122
Air Force Department	3674
Armed Forces Information Service	3719
Army Department	3735
Civil Defense Office	3870
Engineers Corps	4198
Lake Survey	4610
Military History, Office of Chief of	4618
National Guard Bureau	4771
Navy Department	4835
Judge Advocate General	4454
Marine Corps	4615
Medicine and Surgery Bureau	4616
Naval Facilities Engineering Command	4818
Naval Operations Office	4825
Naval Oceanographic Office	4819
Naval Personnel Bureau	4826
Naval Research Office	4833
Naval Ship Systems Command	4834
District of Columbia	4148
Emergency Boards (under sec. 10, Railway labor act)	4191
Equal Employment Opportunity Commission	4226
Executive, Legislative, and Judicial Salaries Commission	4228
Federal Council for Science and Technology	4250
Federal Maritime Commission	4259
Federal Mediation and Conciliation Service	4260
Federal Power Commission	4261
Federal Reserve System Board of Governors	4275
Foreign Broadcast Information Service	4291
General Accounting Office	4337
General Services Administration	
Federal Supply Service	4283
National Archives and Records Service	
Federal Register Office	4274
Government Printing Office	
Public Documents Division	4865

	Beginning Entry
Health, Education, and Welfare Department	4373
Education Office	4160
Public Health Service	4869
Consumer Protection and Environmental Health Service	
Food and Drug Administration	4289
National Institutes of Health	4775
National Library of Medicine	4791
Social and Rehabilitation Service	4927
Assistance Payments Administration	3787
Children's Bureau	3865
Rehabilitation Services Administration	4912
Social Security Administration	4933
Housing and Urban Development Department	4382
Federal Housing Administration	4256
Interior Department	4393
Federal Water Pollution Control Administration	4287
Fish and Wildlife Service	
Commercial Fisheries Bureau	3910
Sport Fisheries and Wildlife Bureau	4946
Geological Survey	4347
Mines Bureau	4619
National Park Service	4798
Outdoor Recreation Bureau	4836
Reclamation Bureau	4907
Interstate Commerce Commission	4427
Joint Publications Research Service	4432
Justice Department	4455
Prisons Bureau	4864
Labor Department	4460
Employees' Compensation Bureau	4192
Labor Standards Bureau	4468
Labor Statistics Bureau	4469
Manpower Administration	
Employment Security Bureau	4194
Veterans Reemployment Rights Office	5002
Wage and Hour and Public Contracts Divisions	5003
Women's Bureau	5006
Library of Congress	4612
Copyright Office	4114
National Advisory Council on Education of Disadvantaged Children	4658
National Aeronautics and Space Administration	4659
National Labor Relations Board	4790
National Railroad Adjustment Board	4809
National Science Foundation	4810
Ozarks Regional Commission	4837
Post Office Department	4851
President of United States	4857
Executive Office of the President	
Budget Bureau	3821
Economic Opportunity Office	4151
National Council on Marine Resources and Engineering Development	4770

	Beginning Entry
President of United States—Continued	
Executive Office of the President—Continued	
Science and Technology Office	4919
Special Representative for Trade Negotiations, Office of	4945
Renegotiation Board	4913
Securities and Exchange Commission	4920
Ship Structure Committee	4922
Small Business Administration	4923
Smithsonian Institution	
National Museum	4792
State Department	4948
International Development Agency	4425
Peace Corps	4849
Supreme Court	4983
Tariff Commission	4984
Transportation Department	
Coast Guard	3887
Federal Aviation Administration	4230
Air Traffic Service	3718
Flight Standards Service	4288
Federal Highway Administration	4253
Motor Carrier Safety Bureau	4654
National Highway Safety Bureau	4772
Public Roads Bureau	4904
Federal Railroad Administration	4272
National Transportation Safety Board	4817
Treasury Department	4991
Accounts Bureau	3613
Customs Bureau	4121
Internal Revenue Service	4406
Veterans Administration	4997

Monthly Catalog

NO. 890 ● MARCH 1969

ACCOUNTS BUREAU, Treasury Dept.
Washington, DC 20220

3613 Treasury reporting rates of exchange as of Mar. 31, 1968. [1968.] [1]+4 leaves, 4° (Fiscal Service.) ‡
L.C. card 41-18702 T 63.102 : Ex 2/968

ADMINISTRATIVE OFFICE OF UNITED STATES COURTS
Washington, DC 20543

3614 Report of proceedings of Judicial Conference of United States, Sept. 19-20, 1968. 1968. iv+37-87 p. [Also issued as H. doc. 32, 91st Cong., 1st sess.] † ● Item 729 Ju 10.10 : 968

ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS
Washington, DC 20575

3615 Hearing before Advisory Commission on Intergovernmental Relations on intergovernmental problems in medicaid, San Francisco, Calif., Sept. 19, 1968. [1969] [3]+i+29 p. 4° † ● Item 1049-D
L.C. card 79-600837 Y 3.Ad 9/8 : 2 M 46/2

3616 Intergovernmental problems in MEDICAID, Commission report. Sept. 1968. xiv+122 p. il. 4° (A-33.) * Paper, $1.25 ● Item 1049-D
L.C. card 76-600697 Y 3.Ad 9/8 : 2 M 46

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept.
Washington, DC 20250

3617 Agricultural research index of v. 10-12, July 1961-June 1964. [1969.] 19 p. 4° † ● Item 25-A A 77.12 : 10-12/ind.

3618 Agricultural research index of v. 13-15, July 1964-June 1967. [1969.] 19 p. 4° † ● Item 25-A A 77.12 : 13-15/ind.

ARS (series) † A 77.15 : (nos.)

3619 33-132. Resistance of varieties of Portuguese wheat, Triticum aestivum L. em Thell to wheat stem saw fly [with list of literature cited; by L. E. Wallace and others]. Jan. 1969. 8 p. 4° ([Entomology Research Division and Crops Research Division.]) [Prepared in cooperation with Montana Agricultural Experiment Station.]

3620 34-103. Crops research: Sugarcane variety tests in Florida, 1967-68 season; [by E. R. Rice and L. P. Hebert]. Nov. 1968. 10 p. il. 4°

3621 44-79-9. 1968 report of egg production tests, United States and Canada. Jan. 169. cover title, ii+41 p. 4° ● Item 25-B

3622 52-31. Adapting flow-diversion valve and homogenizer to permit automated cleaning-in-place of milk processing lines; [by Maynard E. Anderson and others]. 1969. 18 p. il. 4° (Transportation and Facilities Research Division.) [Prepared in cooperation with Missouri Agricultural Experiment Station.]

3623 Cooperative State-Federal sheep and cattle scabies eradication, progress report, fiscal year 1968; [prepared by Animal Health Division]. Nov. 1968. 22 p. il. 4° † A 77.233 : 968

3624 Equine infectious anemia, progress report and history in United States, fiscal year 1967; [prepared by Animal Health Division]. Feb. 1968. 10 p. il. 4° † A 77.244 : 967

3625 Equine piroplasmosis (EP) progress report, fiscal year 1967; [prepared by Animal Health Division]. Feb. 1968. 16 p. il. 4° † A 77.242 : 967

3626 Index-catalogue of medical and veterinary zoology: Subjects, Trematoda and Trematode diseases, pt. 10, checklist of generic, specific, subspecific names N–Z; by Mildred A. Doss. Dec. 1968. iii+383–620 p. [Supported in whole by Public Health Service Research Grant E 4334 from National Institute of Allergy and Infectious Diseases to University of Maryland.] * Paper, $1.00. ● Item 31
L.C. card 63–65031 A 77.219/3: T 72/pt.10

3627 Laboratories and functions, Northern Utilization Research & Development Division, 1815 North University Street Peoria, Ill. 61604. [Jan. 1967.] [2]+13 p. narrow 8° † A 77.2: N 81/2

3628 Laboratories and functions of Eastern Utilization Research and Development Division, Wyndomoor, Pa. [Jan. 1968.] 28 p. narrow 8° ‡ A 77.2: Ea 7/3/968

3629 Plant quarantine import requirements of West Germany. Feb. 3, 1969. 1 p. (Plant Quarantine Division.) [Issued with perforations.] † A 77.329: G 317/2/969

3630 Research as an investment, talk by George W. Irving, jr., Administrator, Agricultural Research Service, Department of Agriculture, before Puerto Rican Sugar Technologists Association, San Juan, Puerto Rico, Nov. 23, 1968. [1968.] 8 p. 4° † A 77.10: Ir 8/7

AGRICULTURE DEPARTMENT
Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

3631 Address by Under Secretary of Agriculture, John A. Schnittker, before American Bakers Association annual meeting, Houston, Tex., Oct. 23, 1968. [1968] 15 p. 4° (USDA 3347–68) † A 1.40: Sch 5/29

Agriculture handbook.

3632 352. Common aquatic weeds [with list of references]; by [L. W. Weldon, R. D. Blackburn, and D. S. Harrison]. [Jan. 1969.] cover title, 43 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with Florida Agricultural Experiment Station, Florida Agricultural Extension Service, Central and Southern Florida Flood Control District and U.S. Army Corps of Engineers. Contents on p. 2 of cover.] * Paper, 50c. ● Item 3
L.C. card Agr 68–348 A 1.76: 352

Agriculture information bulletin.

3633 334. Balance sheet of agriculture, 1968. [Jan. 1969.] [4]+27 p. il. 4° ([Farm Production Economics Division] Economics Research Service.) * Paper, 25c. ● Item 4 A 1.75: 334

3634 Control of agriculture—related pollution, report to the President, submitted by Secretary of Agriculture and Director of Office of Science and Technology. Jan. 1969. [178] p. 4° † ● Item 10 A 1.2: P 76

Farmers' bulletins. ● Item 9 A 1.9: (nos.)

3635 2166. Swine production; [prepared by Animal Husbandry Research Division, Agriculture Research Service.] [Revised Apr. 1968, slightly revised Feb. 1969.] [1969.] [2]+30 p. il. * Paper, 15c.

3636 2168. Controlling potato insects; [by W. A. Shands, B. L. Landis, and W. J. Reid, jr.] [Rev. Jan. 1969.] [1969.] 16 p. il. * Paper, 15c.
L.C. card Agr 68–349

3637 2205. Growing peaches east of Rocky mountains. [Revised Nov. 1967, slightly revised Dec. 1968.] [1968.] 24 p. il ([Crop Research and Entomology Research Divisions, Agricultural Research Service.]) * Paper, 20c.

Home and garden bulletins. ● Item 11 A 1.77: (nos.)

3638 64. Subterranean termites, their prevention and control in buildings [with selected list of publications; by R. A. St. George, H. R. Johnston, and R. J. Kowal]. [Jan. 1960, slightly revised Jan. 1969.] [1969.] [2]+30 p. il. ([Division of Forest Insect Research, Forest Service.]) [Supersedes Farmers' bulletin 1911, Preventing damage to buildings by subterranean termites and their control and 1993, Decay and termite damage in houses (regarding termite control).] * Paper, 20c.

3639 84. Controlling mosquitoes in your home and on your premises; [by John A. Fluno]. [Revised Dec. 1968.] [1968.] 8 p. il. ([Entomology Research Division, Agricultural Research Service.]) [Replaces all previous editions of this publication. Because of changed insecticide recommendations, earlier copies should be destroyed.] * Paper, 10c.

3640 96. Controlling household pests. [Apr. 1964, slightly revised Feb. 1969.] [1969.] 32 p. il. * Paper, 20c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3641 164. Home planting by design. [Mar. 1969.] [2]+22 p. il. ([Agricultural Research Service.]) * Paper, 25c.

Leaflets. ● Item 12 A 1.35:(nos.)

3642 324. Soil treatment, an aid in termite control. Revised Sept. 1959, slightly revised Apr. 1967. [1968.] [1]+7 p. il. narrow 8° ([Forest Service.]) * Paper, 10c.

3643 453. How to control bed bugs; [prepared by Entomology Research Division, Agricultural Research Service]. [Sept. 1959, slightly revised Feb. 1969.] [1969.] 8 p. il. [Includes list of Other USDA publications on insects of the home. Supersedes Leaflet 337, Bed bugs, how to control them.] * Paper, 10c.

3644 491. Background on U.S. agriculture; [prepared by Office of Information]. [Revised Dec. 1968.] [1968.] [8] p. narrow 8° * Paper, 10c.

3645 502. Spider mites on cotton, how to control them; [prepared by Entomology Research Division, Agricultural Research Service] [Feb. 1962, slightly revised Nov. 1968.] [1968.] [8] p. il. narrow 8° * Paper, 10c.

Marketing research reports. ● Item 13–B A 1.82:(nos.)

3646 827. Packaging produce in trays at central warehouse [with list of literature cited; by James J. Karitas]. [Feb. 1969.] iv+39 p. il. 4° (Agricultural Research Service.) * Paper, 40c.
L.C. card 74–600884

3647 832. Effects of transit temperatures and modified atmospheres on market quality of lettuce shipped in nitrogen-refrigerated and mechanically refrigerated trailers; [by J. K. Stewart, and M. J. Ceponis]. [Dec. 1968.] ii+9 p. il. 4° (Agricultural Research Service.) * Paper, 15c.
L.C. card Agr. 68–351

3648 835. Food distribution facilities in Dayton, Ohio. [Jan. 1969.] cover title, iii+43 p. il. 4° (Agricultural Research Service.) * Paper, 50c.
L.C. card Agr 68–356

3649 838. Economic performance of motor carriers operating under agricultural exemption in interstate trucking [with list of literature cited; by Walter Miklius]. [Jan. 1969.] iv+22 p. il. 4° (Economic Research Service.) †
L.C. card Agr 68–361

Miscellaneous publications. ● Item 13–A A 1.38:(nos.)

3650 1089. Engineers in Forest Service. [Dec. 1968.] cover title, 16 p. il. 4° [Text and map on p. 2–3 of cover. Supersedes Miscellaneous publication 841, Forest Service engineer.] * Paper, 50c.
L.C. card Agr 68–353

3651 1092. Boll weevil, anthonomus grandis Boh, abstracts of research publications, 1961–65; [compiled by Lucelle Liston Mitlin and Norman Mitlin]. [Dec. 1968.] iv+32 p. 4° (Agricultural Research Service.) †
L.C. card Agr 68–354

3652 1105. Poultry house, post and panel construction. Nov. 1968. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6001.) * Paper, 5c.

3653 1110. Movable pen for truck platform scale. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 5932.) * Paper, 5c.

3654 1111. Plastic covered greenhouse coldframe. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 5941.) * Paper, 5c.

3655 1112. Farrowing & growing building for hogs. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 5992.) * Paper, 5c.

3656 1113. Milkhouse. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6033.) * Paper, 5c.

3657 1114. Greenhouse framing for plastic covering. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6029.) * Paper, 5c.

3658 1115. Partially open free-stall housing system for dairy cows. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6023.) * Price 5c.

3659 1116. Free-stall housing system for 88 cows. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6025.) * Paper, 5c.

3660 1117. Farrowing house. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6026.) * Paper, 5c.

3661 1118. Sprinkler pipe trailer. Jan. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6046.) * Paper, 5c.

3662 Orderly liquidation of stocks of agricultural commodities held by Commodity Credit Corporation and expansion of markets for surplus agricultural commodities, annual report by Secretary of Agriculture in response to sec. 201(b), Public law 540, 84th Congress. Dec. 1968. cover title, iv+50 p. il. 4° † A 1.102:968

PA [Program aid] (series). ● Item 14–A A 1.68:(nos.)

3663 525. Skiing, national forests, America's playgrounds. [1968.] [24] p. il. 4° (Forest Service.) [Some illustrations are colored.] * Paper, 50c.

3664 895. Pesticide safety in your home. [Dec. 1968, published 1969.] 8 p. oblong f°, folded into narrow 8° size. (Office of Information.) †

3665 903. Helping others catch up. Feb. 1969. 14+[2] p. il. 4° (Federal Extension Service.) †

3666 904. Feed grain program, 1969. Jan. 1969. 4 p. narrow 8° (Agricultural Stabilization and Conservation Service.) †

†For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

334-546—69—No. 890——2

3667 Periodic reports of agricultural economics, Economic Research Service, Statistical Reporting Service. Jan. 1969. 11 p. 4° † A 1.99 : 969

Production research report.

3668 104. Analysis of agricultural research in relation to increasing demand for agricultural products; [by Byron T. Shaw]. [Jan. 1969.] [2]+17 p. il. 4° (Agricultural Research Service.) * Paper, 20c. ● Item 13-C
L.C. card Agr 68-358 A 1.84 : 104

3669 Stamps that make the difference, address by Howard P. Davis, Deputy Administrator, Consumer Food Programs, Consumer and Marketing Service, Department of Agriculture, at GMA Forum, New York, N.Y., Nov. 14, 1968. [1968.] 11 p. 4° (USDA 3567-68; 5122.) †
A 1.40 : D 29/18

3670 Statement by Rodney E. Leonard, Administrator, Consumer and Marketing Service, Department of Agriculture, before American Marketing Association Workshop, Washington, D.C., Nov. 20, 1968. [1968.] 11 p. 4° (USDA 3663-68; 6193.) † A 1.40 : L 55

Statistical bulletins. ● Item 15 A 1.34 : (nos.)

3671 337. Supplement for 1968 to Livestock-feed relationships, 1909-63; [by George C. Allen and Margaret Devers]. Jan. 1969. [1]+38 p. 4° (Farm Production Economics Division]. Economic Research Service.) † ([Information incorrect in publication as to sale by Superintendent of Documents).

3672 417. Supplement for 1968 to Statistics on cotton and related data, 1930-67; [prepared by E. Frances Morriss, with assistance of Shirley M. Frye]. [Jan. 1969.] x+105 p. 4° (Economic Research Service.) †
L.C. card Agr 68-153

Technical bulletin.

3673 1401. Nonlinear model for evaluation fo cotton processed by mills for specific end uses [with bibliography; by Preston E. LaFerney]. [Jan. 1969.] iv+26 p. il. [Economic Research Service.] * Paper, 20c. ● Item 16
L.C. card Agr 68-351 A 1.36 : 1401

AIR FORCE DEPARTMENT, Defense Dept.
Washington, DC 20330

AFOSR (series). (Air Force Office of Scientific Research, Office of Aerospace Research.)

3674 700. Air Force scientific research bibliography: v. 6, 1962; by Thomas C. Goodwin [and others]. 1968. xviii+940 p. 4° (Special Bibliographies Division, Library of Congress, supported by Directorate of Information Sciences.) * Cloth, $8.75. ● Item 422-B
L.C. 61-60038 D 301.45/19-2 : 700/v.6

Air Force Human Resources Laboratory :[Technical report] AFHRL-TR (series). (Personnel Research Division, Air Force Systems Command, Lackland Air Force Base, Tex.) ‡ D 301.45/27 : (nos.)

3675 68-101. Reasons for Air Force enlistment; by Cecil J. Mullins, Iris H. Massey, Larry D. Riederich. July 1968. v+10+[2] p. 4° ([Project 7719; task 771906.])

3676 68-103. Predicting first year achievement of Air Force Academy cadets, class of 1968 [with list of references]; by Robert E. Miller. July 1968. v+14+[2] p. 4° ([Project 7717; task 771706.])

3677 68-104. Development of officer selection and classification tests, 1968 [with list of references]; by Robert E. Miller. July 1968. vi+14+[2] p. 4° ([Project 7717; task 771706.])

Air Force manual AFM (series). D 301.7 : (nos.)

3678 35-4. Military personnel: Physical evaluation for retention, retirement and separation. Jan. 28, 1969. [163] p. il. 4° [Issued in looseleaf form. Supersedes AFM 35-4, Aug. 10, 1965, and AFP 35-3-1, Feb. 20, 1963.] ‡ ● Item 421

3679 64-6. See Coast Guard, Aircraft emergency procedures over water.

3680 78-32. See Defense Department, Defense Supply Agency handbook DSAH 4215.29.

3681 88-4, chap. 9. See Army Department, Technical manual 5-805-13.

3682 88-40, chap. 39. See Army Department, Technical manual 5-888-12.

3683 110-5. Judge Advocate General activities: Court-martial instructions guide, Change 5; Dec. 17, 1968. Effective Jan. 1, 1969. [1969.] [41] p. 4° [Issued with perforations.] ‡ ● Item 421

3684 125-2. Security police: Operation of correction facilities. Dec. 26, 1968. cover title, [120] p. il. 1 pl. 4° [Issued with perforations. Supersedes AFM 125-2, Sept. 1, 1966.] ‡ ● Item 421

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Air Force pamphlet AFP (series).

3685 161–18. Aerospace medicine, flight surgeon's guide [with lists of references]. Dec. 27, 1968. cover title, [442] p. il. 4° [Issued with perforations. Contains copyright material. Supersedes AFM 161–1, Jan. 17, 1962.] ‡ ● Item 421–A D 301.35 : 161–18

3686 190–36. See below, Armed Forces Information Service, Pocket guide to Okinawa.

Air Force Systems Command manual AFSCM (series).

3687 310–1. Contract data management: Management of contractor data and reports, v. 2, Authorized data list. Aug. 30, 1968. [1359] p. il. 4° (Air Force Logistics Command manual AFLCM 310–1.) [Issued with perforations. Supersedes v. 2, Mar. 15, 1964, to AFSCM/AFLCM 310–1.] * Paper, $9.75 ● Item 421 D 301.45/14 : 310–1/2/v.2

Air Weather Service: Technical report.

3688 209. Final report on Air Weather Service by 1968 weather modification program: v. 1, Projects, warm fog, cold fog 3, cold wand, cold horn, and cold fan [articles, with lists of references]. Nov. 1968. cover title, ii+58 p. il. 4° [Issued with perforations.] † D 301.40 : 209

OAR (series). (Office of Aerospace Research.)

3689 68–0007. OAR 1968 progress [with bibliography]; editor, Jacob Seiden. [1968.] viii+143 p. il. 4° * Paper, $1.75. ● Item 422–B L.C. card 78–60063 D 301.69/3 : 68–0007

Personal Research Laboratory: Technical report PRL-TR (series). (Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.)

3690 67–15. Job inventory information: Task and scale reliabilities and scale interrelationships [with list of references]; by John R. Cragun [and] Ernest J. McCormick. Nov. 1967. vii+47+[2] p. 4° ([AF 41 (609)–1604.]) ‡ D 301.45/27 : 67–15

School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡

D 301.26/13–4 : (nos.)

3691 7–68. Character of Air Force dentistry [with list of references; by] Malcolm D. Jendresen, Arden G. Christen. Aug. 1968. [1]+30 p. il. (Dental Science Division.)

3692 8–68. Syncope among aircrew evaluated at USAF School of Aerospace Medicine [with list of references; by] P. M. Sundaram. Sept. 1968. [2]+22 p. il.

3693 9–68. Eye opacities in flying personnel; [by] Benjamin G. Martin, Thomas J. Tredici, James F. Culver. Sept. 1968. [1]+4 p. il. (Ophthalmology Branch.)

——Technical report SAM TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡ D 301.26/13–6 : (nos.)

3694 68–62. Storage-dispenser device for food cubes aboard space vehicle [by] William J. Martin, John J. Symons, Norman G. Roth. Oct. 1968. cover title, iii+6+[2] p. il. 4° ([Task 775803.])

3695 68–70. Adaptation of dogs to 60 and 90 mm. Hg CO_2 at total pressure of 260 mm. Hg [with list of references; by] William E. Pepelko. Aug. 1968. cover title, iii+6+[2] p. il. 4° ([Tasq 775801.]) [Errata sheet, 1 p. oblong 32°, was issued also.]

3696 68–77. Microbiologic studies of activated sludge process for recycling of human wastes [with list of references; by] D. Duane Chapman, Robert W. Okey, Fredric T. Santler. Sept. 1968. cover title, vi+41+[2] p. il. 4° ([Task 793001, contract AF 41(609–1974.])

3697 68–78. Stannous fluoride (0.1%) mouthwash study [with list of references]; [by] Gaylord L. Hall. Sept. 1968. cover title, iii+2+[2] p. 4° ([Task 775512.])

3698 68–87. Early effect of 150–Mev. proton irradiation in rhesus monkeys [with list of references; by] Joseph E. Traynor, Alan M. Siegal. Sept. 1968. cover title, iii+7+[2] p. il. 4° ([Task 775704.])

3699 68–88. Saliva specific gravity [with list of references; by] Irt L. Shannon, Vincent A. Sergreto. Sept. 1968. cover title, iii+8+[2] p. il. 4° ([Task 775512.])

3700 68–90. Automated microanalysis of urinary ammonia [with list of references; by] Carroll R. Dobbs, Henry B. Castleberry, E. G. Shaw. Sept. 1968. cover title, iii+7+[2] p. il. 4° ([Task 793002.])

3701 68–93. Use of yellow lenses in Air Force operations: A, Filter, transparency, and leaf analysis [with list of references; by Benjamin Kislin, J. W. Miller]; B, Yellow lens testing, laboratory study [with list of references; by Benjamin G. Martin]; C, Target identification and yellow filters [with bibliography; by Richrad H. Dohrn]. Sept. 1968. cover title, iii+37+[2] p. il. 4° ([Task 775509.])

3702 68–94. Unique altitude chamber for infectious disease research under aerospace profiles [by] E. Staten Wynne, Lawrence F. Busch and Irving Davis. Sept. 1968. cover title, iii+18+[2] p. il. 4° ([Project 7753 and 7754.]) [A correction was issued also.]

School of Aerospace Medicine: Technical report SAM TR (series)—Continued

3703 68-96. Effects of laboratory reprocessing on silver phosphate glass microdosimeters [with list of references; by] Kenneth A. Hardy, Rufus Werts. Sept. 1968. cover title, iii+5+[2] p. il. 4° ([Task 775701.])

3704 68-97. Dose rate effect on LD 50/30 in mice exposed to cobalt-60 gamma irradiation [with list of references; by] Joseph E. Travnor, Edwin T. Still. Oct. 1968. cover title, iii+5+[2] p. il. 4° ([Task 775704.])

3705 68-100. Effects of prolonged reduced pressure on growth and nitrogen content of turnip (Brassica rapa L.) [with list of references; by] R. L. Mansell et al. Sept. 1968. cover title, iii+13+[2] p. il. 4° ([Task 793001.])

3706 68-102. Preventive periodontic treatment procedures, results after 2 years [with list of references]; by Lee M. Lightner et al. Sept. 1968. cover title, iii+5+[2] p. 4° [Prepared in Dental Sciences Division under task 775512.]

3707 68-106. Calculation of retinal burn and flashblindness safe separation distances [with list of references; by] R. G. Allen et al. Sept. 1968. cover title, iii+67+[2] p. il. 4° ([Project 6301, task 630103, DSA project 5710, subtasks RMD 2003 and 2134.]) [Corrections, 1 p., was also issued.]

3708 68-108. Batch-feeding studies on high-solids activated sludge for treating concentrated human waste [with list of references; by] Michael J. Ryan, Richard L. Miller. Sept. 1968. cover title, iii+15+[2] p. il. 4° ([Task 793001.])

3709 68-110. Radioprotection with 2-(1 decylamino) ethanethiosulfuric acid in the rhesus monkey [with list of references; by] Robert M. Paull [and] George S. Melville, jr. Sept. 1968. [1968.] cover title, iii+7+[2] p. 4° ([Task 775703.]) [Study carried out in Radiobiology Division.]

3710 68-111. Behavioral and circulatory responses to x-irradiation delivered at 200 rads per minute to whole body and trunk only [with list of references; by] Paul H. Chapman. Sept. 1968. cover title, iii+6+[2] p. il. 4° ([Task 775705.])

3711 68-112. Effect of ascorbic acid supplementation on tooth mobility [with list of references; by] Timothy J. O'Leary et al. Sept. 1968. cover title, iii+4+[2] p. il. 4° ([Task 775512.])

3712 68-113. Simultaneous measurement of blood parameters using radiochromium-labeled red cells and radioiron-labeled plasma [with list of references; by] Donald F. Logsdon, jr. [and others]. Oct. 1968. cover title, iii+5+[2] p. il. 4° ([Task 775502.])

3713 68-114. Indolylalkylamines as radioprotectants [with list of references; by] Emmett J. Stork, Arthur E. Gass, George S. Mellville, jr. Oct. 1968. cover title, iii+6+[2] p. il. 4° ([Task 775703.])

3714 68-117. Simplified determination of urinary testosterone utilizing column and gas-liquid chromatography [with list of references; by] J. Throck Watson, Michael Lofrano, jr. Oct. 1968. cover title, iii+9+[2] p. il. 4° ([Task 793002.])

3715 68-119. Near visual acuity under low-level red and white light [with list of references; by] Richard H. Dohrn. Oct. 1968. cover title, iii+8+[2] p. il 4° ([Task 775509.)]

3716 68-120. S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radioprotectant in rodents and primates [with list of references; by] Emmett J. Stork, George S. Melville, jr., Arthur E. Gass, jr. Oct. 1968. cover title, iii+6+[2] p. il. 4° ([Task 775703.])

3717 68-121. Psychiatric strengths and weaknesses of typical Air Force pilots. [with list of references]; [by] Paul M. Fine and Bryce O. Hartman. [Nov. 1968.] iii+37+[2] p. il. 4° ([Task 775504.])

AIR TRAFFIC SERVICE, Transportation Dept.
Washington, DC 20553

3718 Off-airway routes (non part 95), effective May 23, 1968. [1968.] cover title, [1]+34 p. 4° (Flight Information Division.) [Consolidation of Off-airway non-95 routes not published in pt. 95, including May 23, 1968 amendment.] ‡ TD 4.302: Al 7

ARMED FORCES INFORMATION SERVICE, Defense Dept.
Washington, DC 20301

DoD [pamphlets]. ‡ ● Item 312-A D 2.14: (letters-nos.)

3719 AO-80. Capsule facts for Armed Forces: Guadeloupe. July 1968. [3] p. il. 4° ([Army Dept.] DA Pam 360-716.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3720 AO-94. Capsule facts for Armed Forces: Nicaragua. July 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-728.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3721 AO-115. Capsule facts for Armed Forces: Guatemala [with reading list]. Aug. 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-751.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3722 AO-116. Capsule facts for Armed Forces: Venezuela. Aug. 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-752.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3723 AO-118. Capsule facts for Armed Forces: Ghana [with reading list]. Sept. 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-754.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3724 AO-119. Capsule facts for Armed Forces: Mauritius [with reading list]. Sept. 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-755.] [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3725 AO-120. Capsule facts for Armed Forces: Poland [with reading list]. Sept. 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-756.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3726 AO-121. Capsule facts for Armed Forces: Sweden [with reading list]. Oct. 1968. 4 p. il. 4° ([Army Dept.] DA Pam 360-757.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3727 AO-122. Capsule facts for Armed Forces: Romania [with reading list]. Oct. 1968. 4 p. il. 4° ([Army Dept.] DA Pam 360-758.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3728 AO-124. Capsule facts for Armed Forces: United Republic of Tanzania. Nov. 1968. 4 p. il. 4° ([Army Dept.] DA Pam 360-760.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3729 AO-125. Capsule facts for Armed Forces: North Korea [with reading list]. Nov. 1968. 4 p. il 4° ([Army Dept.] DA Pam 360-761.) [Adapted from Department of State Background notes series.]
L.C. card 68-61277

3730 PG-13A. See below, Pocket guide to Okinawa.

3731 VR-10. Vietnam review: 10, Communist wars of national liberation. Nov. 1968. 4 p. il. 4° [Adapted from Department of State Vietnam information notes series.]

3732 Pocket guide to Okinawa [with list of suggested reading]. [1968.] iii+[1]+78 p. il. small 4° ([Armed Forces Information Office DoD PG-13A; Army Dept., DA pamphlet 360-413; NAVPERS 92822A; Air Force Dept., AFP 190-36; Marine Corps NAVMC 2574 rev.]) [Other illustrations in color on p. 1 and 4 of cover. Supersedes DoD PG-13/DA Pam 20-196/NAVPERS 92822/AFP 34-3-23/NAVMC 2574, June 8, 1961.] * Paper, 45c. ● Item 314 & 312-A D 2.8: Ok 3/968

ARMS CONTROL AND DISARMAMENT AGENCY
Washington, DC 20451

3733 Reemployment experiences of defense workers, statistical analysis of Boeing, Martin, and Republic layoffs; prepared by Leslie Fishman [and others]. Dec. 1968 [published 1969]. [6]+iii+236+[69] p. il. 4° (ACDA/E-113.) * Paper, $2.25. ● Item 125-A-3
L.C. card 76-600583 AC 1.2: D 36/3

Research report.

3734 68-52. World military expenditures and related data, calendar year 1966, and summary trends, 1962-67. Dec. 1968 [published 1969]. iv+24 p. il. 4° (Economics Bureau.) [Text on p. 2 of cover.] * Paper, 35c. ● Item 125-A-7 AC 1.15: 68-52

ARMY DEPARTMENT, Defense Dept.
Washington, DC 20310

AMC pamphlets. (Army Materiel Command.) ‡ ● Item 322-A
D 101.22/3: (nos.)

3735 310-1. Military publications: Index of publications and blank forms. Jan. 1969. cover title, 82+[1] p. 4° [Issued with perforations. Supersedes AMCP 310-1, Jan. 3, 1968, including all changes.]
L.C. card 67-9308

3736 706-292. Engineering design handbook: Surface-to-air missile series: pt. 2. Weapon control [with lists of references]. Sept. 1968. cover title, [190] p. il. 4° [Reprint without change, of ORDP 20-292, which was redesignated AMCP 706-292. Issued with perforations.]

Army Electronics Command, Fort Monmouth, N.J.: [Research and development] technical report ECOM (series). ‡ D 111.9/4:(nos.)

3737 2808. Clutter attenuation analysis [with list of references]; by William Fishbein, Stanley W. Graveline, Otto E. Rittenbach. Mar. 1967. v+30+2 p. il. 4° (Subtask 1P620901–A–188–03–05.)

3738 2894. Effects of ultrasonic vibrations on transistors in subassemblies [with list of references]; by Robert R. Geisler. Oct. 1967. iii+17+2 p. il. 4° (DA task 1H622001A440–01–14; reports control symbol OSD–1366.)

3739 2918. Pyrolytic decomposition studies of tetraethoxysilane for obtaining high grade SiO_2 films [with list of references]; by George W. Heunisch. Dec. 1967. iii+17+2 p. il. 4° (DA task 1H622001A440–03–06; reports control symbol OSD–1366.)

3740 2920. Radiation characteristic of aperture-limited dominant beam mode of lens-type beam waveguide [with list of references]; by F. Schwering. Jan. 1968. v+26+2 p. il. 4° (DA task 1TO 14501 B31A 01 37; reports control symbol OSD–1366.)

3741 2928. Azimuthally dependent modes on uniform, solid electron beams [with list of references]; by Bruno Zotter. Dec. 1967. iv+28+2 p. il. 4° (DA task 1H 6–22001–A–055–04; reports control symbol OSD–1366.)

3742 2939. Design and analysis of statistical experiment on high-voltage breakdown in vacuum [with list of references; by] M. M. Chrepta, G. W. Taylor, M. H. Zinn. Feb. 1968. iii+13+2 p. il. 4° (AMC task 7910.21.243.40.01; reports control symbol OSD–1366.) [Sponsored by Advanced Research Projects Agency; ARP order 517, amdt.]

3743 Barrancas National Cemetery. [1968.] [10] p. il. † ● Item 325 D 101.2: B 27

Cold Regions Research and Engineering Laboratory, Hanover, N.H.: Research report. (Army Materiel Command.) ‡ D 103.33/3:(nos.)

3744 252. Diffusion law for dispersion of hard particles in ice matrix that undergoes simple shear deformation [with list of literature cited; by] J. Weertman. Sept. 1968. iv+6+[2] p. il. 4° (DA task 1T061102B52A02.)

3745 256. Nonsteady one dimensional compressible fluid flow through anisotropic porous media [with list of literature cited; by] S. S. T. Fan and Yin-Chao Yen. Nov. 1968. iv+12+[2] p. il. 4° (DA task 1T062112A13001.)

3746 260. On plates sealing an incompressible liquid [with list of literature cited] by: Arnold D. Kerr. Nov. 1968. [1968.] iv+11+[2] p. il. 4° (DA task 1T062112A13001.)

—— Technical report. (Army Materiel Command.) ‡ D 103.33:(nos.)

3747 95. Rotary drilling and coring in permafrost, Pt. 1, Preliminary investigation, Fort Churchill, Manitoba [with selected bibliography; by] G. Robert Lange. Nov. 1968. iv+18+[2] p. il. 4° (DA task 1T062112A13001.)

3748 204. Crowds on ice; [by] D. E. Nevel and A. Assur. Oct. 1968. iii+4+[2] p. il. 4° (DA task 1T062112A 13001.)

3749 211. Experimental snow runway pavement in Antarctica [with list of literature cited; by] Gunars Abele. Nov. 1968. iv+25+[2] p. il. 4° (DA task 1 T062112A13001.)

3750 212. Design criteria for snow runways [with list of literature cited; by] Gunars Abele, Rene O. Ramseier and Albert F. Wuori. Nov. 1968. iv+36+[2] p. il. 4° (DA task 1T061102B52A02 and 1T062112A13001.)

Cold regions science and engineering monograph: [pt. 3, Snow engineering]. (Cold Regions Research and Engineering Laboratory, Hanover, N.H., Army Materiel Command.)

3751 3–A2a. Methods of building on permanent snow-fields [with selected bibliography]; [by] Malcolm Mellor. Oct. 1968. vi+43+[2] p. il. 4° (DA project 1T062112A130.) ‡ D 103.33/7: 3–A 2 a

Field manual FM (series). ‡ ● Item 324 D 101.20:(nos.)

3752 1–60. Army air traffic operations [with list of references]. Nov. 1968. cover title, [41] p. il. 4° [Issued with perforations. Supersedes FM 1–60, Aug. 24, 1960.]

3753 3–50. Chemical smoke generator units and smoke operations. Change 1. Jan. 30, 1969. 11 p. il. 4° [Issued with perforations.]

3754 20–151. See Coast Guard, Aircraft emergency procedures over water.

3755 61–100. The Division [with list of references]. Nov. 1968. [Issued with perforations. Supersedes FM 61–100, June 25, 1965; FM 57–100, Sept. 9, 1959; FM 57–10, Mar. 15, 1962; (8) FM 100–1, Sept. 23, 1959, including changes; TT 61–100–1, Jan. 20, 1966; ST 61–100–1, June 25, 1964; ST 61–100–1, May 1965; and FM 12–11, July 7, 1967.]

3756 100–15. Larger units: Theater Army-corps [with list of references]. Dec. 1968. cover title, [107] p. il. 4° [Issued with perforations. Supersedes FM 100–15, Dec. 12, 1963, including all changes.]

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Natick Laboratories, Natick, Mass.: Technical report. (Army Materiel Command.) ‡ D 106.21:(nos.)

3757 68-16-GP. Mechanics of rupture of cotton-dacron blended yarns [with list of references]; by Constantin J. Monego. July 1967. cover title, vi +229+7+[2] p. 4° (General Equipment & Packaging Laboratory; [project reference 1M624101D503.])

3758 68-20-CM. Direct molded sole boots [with list of references]; by Alice F. Park and Douglas S. Swain. Sept. 1967. cover title, iv+16+[6] p. il. 4° (Clothing and Organic Materials Laboratory, F&L-19; [Project reference 1M643303D54712].)

3759 68-26-GP. Storage stability of civil defense shelter rations, annual report; by S. R. Cecil and J. G. Woodroof. Dec. 1967. cover title, viii+82+4 +[2] p. 4° (General Equipment and Packaging Laboratory; contract DA 19-129-QM-2050 (N), [project reference OCD-OS-62-156].)

3760 68-31-ES. Sequential study of desert flooding in White Mountains of California and Nevada [with list of references]; by Chester B. Beaty. Jan. 1968. cover title, iv+96+[2] p. il. map 4° (Earth Sciences Laboratory, ES-37; [project reference 1T025001A129].)

3761 68-32-CM. Sealed insulated military boots [with list of references]; by L. H. L'Hollier and Alice Park. Nov. 1967. cover title, iv+21+[4] p. il. 4° (Clothing and Organic Materials Laboratory, F&L-20; [project reference 7-79-10-002].)

3762 68-40-ES. General monograph for normal and skewed frequency distributions, climatological and other applications [with list of references]; by Earl E. Lackey. July 1967. cover title, vi+44+13+[3] p. il. 4° (Earth Sciences Laboratory, ES-26; [project reference 1T025001A129].) [Some illustrations are colored.]

Pamphlets.

3763 360-413. See above, Armed Forces Information Service, Pocket Guide to Okinawa.
3764 360-716. See Armed Forces Information Service DoD pamphlet AO-80.
3765 360-728. See Armed Forces Information Service DoD pamphlet AO-94.
3766 360-752. See Armed Forces Information Service DoD pamphlet AO-116.
3767 360-754. See Armed Forces Information Service DoD pamphlet AO-118.
3768 360-755. See Armed Forces Information Service DoD pamphlet AO-119.
3769 360-756. See Armed Forces Information Service DoD pamphlet AO-120.
3770 360-757. See Armed Forces Information Service DoD pamphlet AO-121.
3771 360-758. See Armed Forces Information Service DoD pamphlet AO-122.
3772 360-760. See Armed Forces Information Service DoD pamphlet AO-124.
3773 360-761. See Armed Forces Information Service DoD pamphlet AO-125.

ROTC manual.

3774 145-30. Individual weapons and marksmanship, Change 1. Dec. 16, 1968. 7 p. il. 4° ‡ ● Item 327-D D 101.48:145-30/ch.1

3775 Step into your future [new 2-year Army ROTC program]. [June 1968.] 4 p. il. 4° folded into narrow 8° size. [Illustrations are colored.] † ● Item 325 D 101.2:R 31/8/968

Technical manual TM (series). ‡ ● Item 329 D 101.11:(nos.)

3776 5-803-4. Planning of Army aviation facilities [with list of references]. Dec. 1968 [published 1969]. cover title, [93] p. il. 1 pl. 4° [Issued with perforations. Supersedes TM 5-283-1, Apr. 15, 1965, including all changes, and AR 415-31, Feb. 21, 1967.]

3777 5-805-9. Power plant acoustics [with list of references]. Dec. 1968. cover title, 322 p. il. 4° [Issued with perforations.]

3778 5-805-13. Raised floor systems [with list of references]. Dec. 1968. cover title, [15] p. il. 4° (Air Force Manual, AFM 88-4, chap. 9.) [Issued with perforations. Supersedes TM 5-805-13, Dec. 30, 1966.]

3779 5-823-4. Army airfield-heliport operational and maintenance facilities, Change 5; June 26, 1968. [1968.] [34] p. il. 4° [Issued with perforations. Formerly designated Corps of Engineers manual EM 1110-3-314, Mar. 30, 1960.]

3780 5-888-12. Airfield and heliport pavement reports, Army and Air Force emergency construction [with list of references]. Jan. 1969. cover title, 43 p. 1+leaf, il. 4° (Air Force Dept., Air Force manual, AFM 88-40, chap. 39.) [Issued with perforations.]

3781 10-500-16. Airdrop of supplies and equipment: Reference data for airdrop loads, Change 1. Dec. 18, 1968. [65] p. il. 4° [Issued with perforations.]

USAAVLABS technical reports. (Army Aviation Materiel Laboratories, Fort Eustis, Va.) ‡ D 117.8/2:(nos.)

3782 68-49C. Investigation of dynamic stability characteristics and quad configuration, ducted-propeller V/STOL model: v. 3, final data report, phase 3, latteral/directional dynamics at high duct incidences [with list of references]; by William F. Putman [and others]. Nov. 1968. [1] xvi+67+[2] p. il. 4° (Task 1F162204A14233, contract DAAJ02-67-C-0025; Aerospace sciences report 847.) [Prepared by Department of Aerospace and Mechanical Sciences, Princeton University, Princeton, N.J.]

USAAVLABS technical reports—Continued

3783 68-63. Advanced high temperature combustor research for small gas turbine engines, final report; by Robert H. Andersen. Oct. 1968. [1968. [1]+xxi+181+[2] p. il. 4° (Task IG 125901A01409, contract DA 44-177-AMC-375(T).) [68-50180.F. Prepared by Curtiss-Wright Corporation, Wood-Ridge, N.J.]

3784 68-67. Lifting surface theory and tail downwash calculations for V/STOL aircraft in transition and cruise, final report [with list of references]; by E. S. Levinsky [and others]. Oct. 1968. [1]+xvii+98+[2] p. il. 4° (Project 1F125901A142, contract DAAJ02-67-C-0059; report 356.) [Prepared by Air Vehicle Corporation, San Diego, Calif.]

3785 68-80. CH-47A Chinook engine load sharing by L. R. Bartek, R. Hunt. Nov. 1968. xiii+72+[2] p. il. 4° (Project 1M131201D14415, house task EL 65-29; Engineering laboratory report.)

USASCAF pamphlet.

3786 2. Pentagon. Oct. 4, 1968. [16] p. il. oblong 48° [Published under auspices of Army Service Center for Armed Forces.] *Paper, 10c. ● Item 330-A D 101.55:2/4

ASSISTANCE PAYMENTS ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

3787 AB, APTD, aid to blind or disabled people, ask your public welfare agency about AB and APTD. [1968, published 1969.] [8] p. narrow 12° *Paper, $5.00 per 100; single copy, 10c. ● Item 512-B-2 FS 17.402:A1 2

ATOMIC ENERGY COMMISSION Washington, DC 20545

AEC research and development reports. Y 3.At 7:22/(letters-nos.)

3788 AEC-tr-6891. Radiobiology, v. 7, no. 6, 1967 [articles, with bibliographies]. [Nov. 1968.] cover title, [1]+a-c+275 p. il. 4° (Division of Technical Information.) [Translation of publication of Academy of Sciences, USSR.] ⊕ Paper, $3.00.

3789 AEC-tr-6915. Radiobiology, v. 8, no. 2, 1968 [articles, with bibliographies]. [Nov. 1968.] cover title, [1]+a-d+265 p. il. 4° (Division of Technical Information.) [Translation of publication of Academy of Sciences, USSR.] ⊕ Paper, $3.00.

3790 AEC-tr-6916. Radiobiology, v. 8, no. 3, 1968 [articles, with bibliographies]. [Nov. 1968.] cover title, [1]+A-C+204 p. il. 4° (Division of Technical Information.) [Translation of Academy of Sciences, USSR.] ⊕ Paper, $3.00.

3791 AEC-tr-6950. Radiobiology, v. 8, no. 1, 1968 [articles, with bibliographies]. [Oct. 1968.] cover title, [1]+a-d+306 p. il. 4° (Division of Technical Information.) [Translation of publication of Academy of Sciences, USSR.] ⊕ Paper, $3.00.

3792 AEC-tr-6954. Radiobiology, v. 7, no. 5, 1967 [articles, with bibliographies]. [Oct. 1968.] cover title, [1]+ii+284 p. il. 4° (Division of Technical Information.) [Translation of publication of Academy of Sciences, USSR.] ⊕ Paper, $3.00.

3793 AEC-tr-6957. Siemens and nuclear power stations with pressurized water reactors. [Dec. 1968.] cover title, [1]+87 p. il. 4° (Translation series; Division series; Division of Technical Information.) [Translation of publication of Siemens Aktiengesellschaft.] ⊕ Paper, $3.00.
L.C. card 79-600853

3794 AEC-tr-6959. Lubrication in turbulent regime (Teoria lubrificatiei in regim turbulent) [with lists of references]; by V. N. Constantinescu; technical editor of translated version, Ralph A. Burton. Oct. 1968. xii+321 p. il. (Division of Technical Information.) [Originally published in Bucharest, Rumania by Editura Academiei Republicii Populare Romane, 1965.] ⊕ Paper, $3.00.
L.C. card 75-600450

3795 CONF-670958. Proceedings of Symposium in nuclear medicine, its current status in medical practice, held at Cleveland, Ohio, Sept. 27-30, 1967 [with lists of references]. [1969.] [8]+333 p. il. 4° [Sponsored jointly by Atomic Energy Commission, Division of Nuclear Education and Training, and Nuclear Medicine Institute, Cleveland, Ohio.] ⊕ Paper, $3.00.

3796 CONF-680411. Proceedings of Conference on Use of Small Accelerators for Teaching and Research held at Oak Ridge Associated Universities, Oak Ridge, Tenn., Apr. 8-10, 1968 [with bibliographies]; edited by Jerome L. Duggan. [1968.] ix+464 p. il. 4° ⊕ Paper, $3.00.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3797 CONF-681006. 8th annual AEC food irradiation contractors' meeting, Oct. 16-17, 1968, Washington, D.C. [with list of references]. [1968.] xviii+301 p. il. 4° (Division of Isotopes Development and Division of Biology and Medicine.) * Paper, $2.50. ● Item 1051-C

3798 HASL-190. External radiation levels on Bikini Atoll, May 1967 [with list of references; by] Harold L. Beck, Burton G. Bennett, and Tommy F. McCraw. Dec. 1967. [99] p. il. 4° ([Health and Safety Laboratory, New York Operations Office (AEC), New York, N.Y.]) Φ Paper, $3.00.

3799 LMSC-680679. Design study of integrated life support system for areospace application utilizing radioisotopes for thermal energy, final report; [with bibliographies]. Mar. 31, 1968. [1968.] cover title, [219] p. il. 4° (Lockheed Missiles & Space Company, Research & Development Division, Sunnyvale, Calif.) [Prepared for Division of Isotopes Development under contract AT [04-3]-739.] Φ Paper, $3.00.

3800 NAS-NS-3049 (rev.). Radiochemistry of silicon [with list of references]; by David R. Schink, Isotopes A. Teledyne Company, Palo Alto, Calif. Revised 1968. Nov. 1968. iv+74 p. il. ([Nuclear science series]; Subcommittee on Radio-chemistry, National Academy of Sciences, National Research Council.) Φ Paper, $3.00

3801 NAS-NS-3112. Nuclear science series: Absolute measurement of alpha emission and spontaneous fission [with list of references]; by Richard J. Brouns. Sept. 1968. iv+60 p. il. (Subcommittee on Radiochemistry, National Academy of Sciences, National Research Council.) [Work performed under contract AT (45-1)-1830 between AEC and Battelle Memorial Institute.] Φ Paper, $3.00.

3802 NYO-2181-5 (v. 1). Epidemiological follow-up of New Jersey radium cases, Nov. 1957-June 1967, final report [with bibliographies]. July 1968. cover title, [630] p. il. 4° (Radium Research Project, New Jersey State Department of Health, Trenton, N.J.; [contract AT (30-1)-2181].) Φ Paper, $3.00.

3803 PNE-513. Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Pre-Schooner II, Bruneau Plateau, Idaho, Sept. 30, 1965; Surface motion measurements, final report [with list of references; by] W. G. Christopher, K. L. Larner. Oct. 1968. cover title, vi+47 p. il. 4° (U.S. Army Engineer Nuclear Cratering Group, Livermore, Calif.) Φ Paper, $3.00.

3804 PNE-902F. Plowshare, civil, industrial and scientific uses for nuclear explosives, Plowshare program, Palanquin, Nevada test site, final report: Close-in air blast from cratering nuclear detonation in rhyolite [with list of references; by L. J. Vortman]. Oct. 25, 1968. cover title, 47 p. il. 4° (Sandia Corporation, Albuquerque, N. Mex.) Φ Paper, $3.00.

3805 PNE-906. Plowshare, civil, industrial and scientific uses for nuclear explosives, Plowshare program, Palanquin, Nevada test site, final report: Preshot geophysical properties of Palanquin crater site [with bibliographies by Ronald T. Stearns and Spenst M. Hansen]. Oct. 11, 1968. cover title, iv+28 p. il. 4° (University of California, Lawrence Radiation Laboratory, Mercury, Nevada & Livermore, Calif.) [Report also issued as UCRL-50411.] Φ Paper, $3.00.

3806 PNE-1113. Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Pre-Gondola II, Fort Peck Reservoir, Mont.: Close-in ground motion and earth stress [with list of references; by] Charles E. Joachim. Oct. 1968. cover title, [1]+ii+72 p. il. 4° (U.S. Army Engineer Nuclear Cratering Group, Livermore, Calif.) Φ Paper, $3.00.

3807 RME-4099 (rev.). Uranium deposits of Mexico [with list of references]; by J. W. Gabelman and S. V. Krusiewski. Oct. 1967. 27 p. il. 4° (Division of Raw Materials.) * Paper, 35c. ● Item 1051-C

3808 TID-3915. Russian radioecology, bibliography of Soviet publications with citations of English translations and abstracts; by Alfred W. Klement, Jr., Charles F. Lytle, Vincent Schultz. Sept. 1968. iv+131 p. 4° Φ Paper, $3.00.

3809 TID-3916. Science and society, bibliography, 1965-67; prepared by staff of AEC Library with subject index by Hugh E. Voress. July 1968. [2]+87 p. 4° ([Division of Technical Information.]) [p. 87 of text appears on inside of back cover.] Φ Paper, $3.00.

3810 TID-4577 (rev. 3). Descriptive cataloging guide. Dec. 1968. cover title, ii+84 p. il. 4° Φ Paper, $3.00.

AEC research and development reports—Continued

3811 TID-24123. Experimentally oriented Science exhibits from Lawrence Hall of Science; [by Kenneth Jackman.] Oct. 1968. v+54 p. il. 4° (Division of Technical Information.) [Contract 68-05-63.] ✠ Paper, $3.00.

3812 TID-24310. Late somatic effects of ionizing radiation [with lists of references]; by Charles D. Van Cleave, School of Medicine, University of North Carolina, Chapel Hill, N.C. [Nov. 1968.] vii+310 p. il. (Division of Technical Information.) ✠ Paper, $3.00.
L.C. card 68-62106

3813 TID-24804. Perspectives on controlled thermonuclear research, report on 3d IAEA conference at Novosibirsk, Aug. 1968; [edited by Robert L. Hirsch and others]. Oct. 1968. cover title, [1]+ii+121 p. il. 4° (Division of Technical Information.) [page 121 appears on p. 3 of cover.] ✠ Paper, $3.00.

3814 WASH-1122. Research and development for safeguards; [by] Guy M. Inman. Dec. 1, 1968. [5]+285 p. il. 4° (Office of Safeguards and Materials Management.) * Paper, $2.25. ● Item 1051-C

3815 WCAP-3688-1. ETOM-1, Fortran IV program to process data from ENDF/B file to MUFT format [with list of references]; by Robert A. Dannels and Daniel E. Kusner. May 1968. iv+82 p. 4° ([Atomic Power Division, Westinghouse Electric Corporation, Pittsburgh, Pa.]; contract AT (30-1)-3688.) ✠ Paper, $3.00.

3816 Brief look at atomic energy programs for fiscal year 1970 and beyond, remarks by Gerald F. Tape, Commissioner, Atomic Energy Commission at luncheon meeting of Washington Chapter, American Ordnance Association Ft. McNair Offices' Club, Washington, D.C., Jan. 27, 1969. 1969. [1] p.+13 leaves, 4° (S-3-69.) † Y 3.At 7:34 T 16/17

3817 International atom, new appraisal: pt. 1, Past and the promise, Rosenfield lecture delivered by Glenn T. Seaborg, Chairman, Atomic Energy Commission at Grinnell College, Grinnell, Iowa, Jan. 29, 1969. 1969. 24 leaves, 4° (S-1-69.) †
L.C. card 75-600678 Y 3.At 7:34 Se 1/169

3818 —— pt. 2, On keeping the peaceful atom peaceful, Rosenfield lecture delivered by Glenn T. Seaborg, Chairman, Atomic Energy Commission at Grinnell College, Grinnell, Iowa, Jan. 30, 1969. 1969. 24 leaves, 4° (S-2-69.) †
L.C. card 75-600678 Y 3.At 7:34 Se 1/170

3819 Telephone directory, U.S. Atomic Energy Commission, Headquarters, Germantown, Md. Jan. 1969. Cover title, vi+54+[4] p .il. 4° [Text on p. 2-4 of cover.] * Paper, 60c. Y 3.At 7:55/969

Understanding the atom series. (Division of Technical Information.)

3820 Sources of nuclear fuel [with list of suggested references; by Arthur L. Singleton, jr.]. [June 1968.] cover title, [2]+67 p. il. † Atomic Energy Commission, P.O. Box 62, Oak Ridge, TN 37830
L.C. card 68-60047 Y 3.At 7:54 F 95/2

BUDGET BUREAU, Executive Office of the President
Washington, DC 20503

3821 Budget in brief, fiscal year 1970. [1969.] cover title, 72 p. il. [Text and other illustrations on p. 2-4 of cover.] * Paper, 45c. ● Item 855-A
L.C. card 50-60126 Pr Ex 2.8/2:970

3822 Budget of United States Government, fiscal year 1970. [1969.] 551 p. il. [Also issued as H. doc. 15, pt. 1, 91st Cong., 1st sess.] * Paper, $2.75. ● Item 853
L.C. card 21-27488 Pr Ex 2.8:970

3823 Budget of United States Government, fiscal year 1970: Appendix. [1969.] 1111 p. 4° [Also issued as H. doc. 16, 91st Cong., 1st sess.] * Paper, $8.50. ● Item 853
L.C. card 21-27488 Pr Ex 2.8:970/app.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3824 Budget of United States Government, fiscal year 1970; District of Columbia. [1969.] 60 p. 4° [Also issued as H. doc. 15, pt. 2, 91st Cong., 1st sess.] * Paper, 60c. ● Item 853
L.C. card 59-60322 Pr Ex 2.8/4: 970

3825 Budget of United States Government, [fiscal year] 1970: Supplement, Executive, legislative, and judicial salary recommendations. [1969.] [1] +2 p. * Paper, 10c. ● Item 853
L.C. card 21-27488 Pr Ex 2.8: 970/supp.

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20230

3826 Bibliography on marketing to low-income consumers. Jan. 1969. [4]+49 p. 4° [Prepared in cooperation with National Marketing Advisory Committee Task Force of Department of Commerce.] * Paper, 55c. ● Item 215-E
L.C. card 72-600495 C 41.12: M 34/4

3827 Consolidated tabulation shipments of selected electronic components for calendar years 1960-67. [1968.] 25 p. 4° † Paper, 25c.
C 41.2: El 2/14/960-67

CENSUS BUREAU, Commerce Dept.
Suitland, MD 20233

Annual survey of manufactures, 1966, M66 (AS) (series). (Industry Division.) ● Item 134-A C 3.24/9: M 66 (AS)-(nos.)

3828 7.4 Statistics for States, standard metropolitan statistical areas, and large industrial counties: pt. 4, West North Central division. [Jan. 1969.] cover title, ii+25+A4+B3 p. il. 4° [Preprint of chapter in Annual survey of manufactures, 1966 volume. Text on p. 2 of cover.] † Paper, 25c.

3829 7.8 Statistics for States, standard metropolitan statistical areas, and large industrial counties: pt. 8, Mountain division. [Feb. 1969.] cover title, ii+19 +[7] p. il. 4° [Preprint of chapter in Annual survey of manufacturers, 1966 volume.] † Paper, 25c.

3830 Census of governments 1967: v. 6, Topical studies, 1, 2, 3, and 4, publications order form. [1968.] [6] p. oblong 48° size. (Form BC-1885 (Dec. 1968).) †
C 3.145/3: 967-3

1967 census of transportation: Truck inventory and use survey, area series TC 67(A)-T. ● Item 160-D C 3.233/2: TC 67(A)-T(nos.)

3831 53. Middle Atlantic. Jan. 1969. 31 p. il. 4° † Paper, 25c.
3832 55. West North Central. Jan. 1969. 31 p. il. 4° † Paper, 25c.

Construction reports: Building permit, C40/42 (series).

3833 67-13. Housing authorized by building permits and public contracts, 1967. [Dec. 1968, published 1969.] cover title, [2]+405 p. il. 4° ([Construction Statistics Division.]) * Paper, $ 1.50. ● Item 140-A (Rev.)
L.C. card A63-7410 C 3.215/4: C 40/C 42-67-13

—— Residential alterations and repairs, C50 (series).

3834 67A. Expenditures for additions, alterations, maintenance and repairs, and replacements, 1967 annual report: pt. 2, Housing unit owner occupied properties. Feb. 1969. 69+[1] p. 4° [Issued with perforations.] † Paper, 50c. ● Item 140-A (rev.) C 3.215/8: 67 A/pt.2

3835 Current industrial reports: Air-conditioning and refrigeration equipment, 1967. Dec. 11, 1968. 11 p. 4° (Series MA-35M(67)1.) † Paper, 25c. ● Item 142-A C 3.158: MA-35M(67)-1

3836 —— Aluminum foil converted, 1967. Feb. 3, 1969. 4 p. 4° (Series MA-34P (67-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-34P(67)-1

3837 —— Aluminum ingot and mill products, summary for 1967. Dec. 4, 1968. 7 p. 4° (Series M33-2(67)-13.) † Paper, 15c. ● Item 142-A
C 3.158: M33-2(67)-13

3838 —— Apparel survey, 1967. Dec. 4, 1968. [3]+21 p. 4° (Series MA-23A (67)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-23A(67)-1

3839 —— Construction machinery, summary for 1967, Change sheet. Dec. 6, 1968. 1 p. 4° (Series MQ-35D((67)-5.) † ● Item 142-A
C 3.158: MQ-35D(67)-5/ch.

3840 Current industrial reports: Converted flexible packaging products, summary for 1967. Jan. 7, 1967. 7 p. 4° (Series M26F(67)-13.) † Paper, 15c. ● Item 142-A C 3.158: M26F(67)-13

3841 —— Cotton broadwoven fabrics, average weight and width of fabrics, 1947, first quarter 1968. Nov. 29, 1968. 8 p. 4° (Series MQ-22T.1(68)-1 supp.) † Paper, 25c. ● Item 142-A C 3.158: MQ-22T.1(68)-1/supp.

3842 —— Cotton broadwoven goods, summaries for 1967 and 1966, Change sheet. Jan. 24, 1969. 1 p. 4° (Series: MQ-22T.1(67)-5.) † ● Item 142-A C 3.158: MQ-22T.1(67)-5/ch.

3843 —— Cotton broadwoven goods, summary for 1967. Dec. 10, 1968. 8 p. 4° (Series: MQ-22T.1(67)-5.) † Paper, 25c. ● Item 142-A C 3.158: MQ-22T.1(67)-5

3844 —— Cotton, manmade fiber staple, and linters, summary for cotton season 1967-68. Dec. 12, 1968. 6 p. 4° (Series M22P(68)-13.) † Paper, 15c. ● Item 142-A C 3.158: M 22 P(68)-13

3845 —— Electric lamps, summary for 1967. Nov. 8, 1968. [3]+10 p. 4° (Series M36B(67)-5) † Paper, 25c. ● Item 142-A C 3.158: M36B(67)-5

3846 —— Heating and cooking equipment, 1967. Jan. 9, 1969. 7 p. 4° (Series M34N(67)-13.) † Paper, 15c. ● Item 142-A C 3.158: M34N(67)-13

3847 —— Heating and cooking equipment, 1967, Change sheet. Jan. 23, 1969. (Series M34N(67)-13.) † ● Item 142-A C 3.158: M34N(67)-13/ch.

3848 —— Industrial gases, 1967. Jan. 31, 1969. 6 p. 4° (Series M28A(67)-13, supp. 2.) † Paper, 15c. ● Item 142-A C 3.158: M28A(67)-13/supp.2

3849 —— Internal combustion engines, 1967. Jan. 7, 1969. 11 p. 4° (Series MA-35L(67)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-35L(67)-1

3850 —— Manmade fiber broadwoven goods average weight and width of fabrics, 1947, first quarter 1968. Dec. 5, 1968. 7 p. 4° (Series MQ-22T.2 (68)-1 supp.) † Paper, 25c. ● Item 142-A C 3.158: MQ-22T.2(68)-1/supp.

3851 —— Manmade fiber broadwomen goods, summary for 1967. Dec. 6, 1968. 8 p. 4° (Series M22T.2(67)-5.) † Paper, 25c. ● Item 142-A C 3.158: M22T.2(67)-5

3852 —— Motors and generators, 1967. Jan. 8, 1969. 7 p. 4° (Series MA-36H (67)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-36H(67)-1

3853 —— Pharmaceutical preparations, except biologicals, 1967. Dec. 4, 1968. 7 p. 4° (Series MA-28G(67)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-28G(67)-1

3854 —— Pumps and compressors, 1967. Nov. 1, 1968. 4 p. 4° (Series MA-35P(67)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-35P(67)-1

3855 —— Shipments of knit, cloth, including interplant transfers, summary for 1967. Nov. 14, 1968. 7 p. 4° (Series M22K (67-5.) † Paper, 25c. ● Item 142-A C 3.158: M 22 K(67)-5

3856 —— Steel shipping barrels, drums, and pails, summary for 1967. Jan. 31, 1969. [3]+28 p. 4° (Series M34K(67)-13.) † Paper, 15c. ● Item 142-A C 3.158: M 34 K(67)-13

3857 —— Switchgear, switchboard apparatus, relays, and industrial controls, 1967. Dec. 6, 1968. 3 p. 4° (Series MA-36A(67)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-36A(67)-1

3858 —— Wiring devices and supplies, 1967. Dec. 17, 1968. 3 p. 4° (Series MA-36K(67)-1.) †Paper, 25c. ● Item 142-A C 3.158: MA-36 K(67)-1

3859 —— Wool broadwoven goods, summary for 1967. Nov. 14, 1968. 4 p. 4° (Series M22T.3(67)-5.) † Paper, 25c. ● Item 142-A C 3.158: M 22 T.3(67)-5

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Current population reports: Series P-23, Technical studies. * Paper, $8.50 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), $2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-23/(nos.)

3860 27. Trends in social and economic conditions in metropolitan areas [prepared by Arno I. Winard]. Feb. 7, 1969. cover title, viii+67 p. 4° * Paper, 70c.

Current population reports: Series P-25, Population estimates. * Paper, $8.50 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), $2.50 additional for foreign mailing; single copy, prices vary. C 3.186: P-25/(nos.)

3861 414. Estimates of population of States, July 1, 1967, with provisional estimates for July 1, 1968. Jan. 28, 1969. ii+14 p. il. 4° * Paper, 15c.

3862 People of rural America; by Dale E. Hathaway, J. Allan Beegle, W. Keith Bryant. [1968.] ix+289 p. il. (1960 census monograph.) [Prepared in cooperation with Social Science Research Council. Some illustrations are colored.] * Cloth, $3.50. ● Item 154-A (Rev.)
L.C. card A 68-7381 C 3.30: R 88

Technical paper.

3863 19. Current population survey reinterview program, Jan. 1961-Dec. 1966; prepared by Ralph Bailey [and others]. [Dec. 1968.] v+60 p. il. 4° (Reinterview Section, Statistical Methods Division.) * Paper, 65c. ● Item 151-A
L.C. card A68-7928 C 3.212: 19

3864 U.S. exports and imports, 1958-68, adjusted and unadjusted data with seasonal and working-day factors. [Jan. 1969.] ([Foreign Trade Division.]) cover title, [1]+175 p. il. 4° [Text on p. 2 of cover.] * Paper, $1.50. ● Item 146
L.C. card A 68-7967 C 3.2: Ex 7/4/958-68

CHILDREN'S BUREAU, Health, Education, and Welfare Dept.
Washington, DC 20201

3865 Effective patterns of services to unmarried parents [by Ursula M. Gallagher, Specialist on Adoptions and Services to Unmarried Mothers, speech given at Citizens Conference on Services to Unmarried Parents, Kansas City, Mo., Nov. 27, 1967.] 1968. cover title, 8 p. 4° †
L.C. card HEW 68-149 FS 17.217: G 13

3866 National trends in services to unmarried parents [by Ursula M. Gallagher, Specialist on Adoptions and Services to Unmarried Mothers, Division of Social Services, speech given at Citizens Conference on Services to Unmarried Parents, Kansas City, Mo., Nov. 27, 1967.] 1968. cover title, 10 p. 4° †
L.C. card HEW 68.145 FS 17.217: G 13/2

Publication.

3867 460. Nation's youth, chart book [with list of sources; prepared by Elizabeth Herzog and Catharine Richards]. [1968, published 1969.] [108] p. il. oblong 12° [Prepared in collaboration with Population Reference Bureau, Inc. Text on p. 2 an 4 of cover.] * Paper, $1.00. ● Item 453
L.C. card HEW 68-158 FS 17.210: 460

Statistical series.

3868 92. Supplement to Child welfare statistics, 1967, adoptions in 1967. 1968. [1]+13 p. il. 4° (Social and Rehabilitation Service.) † ● Item 454
L.C. card HEW 63-8 FS 17.213: 92/supp.

CIVIL AERONAUTICS BOARD
Washington, DC 20428

3869 Introduction to airfreight rates. Revised Nov. 1968. [1968.] cover title, +23 p. il. 4° † ● Item 183 C 31.202: Ai 7/8/968

†For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

CIVIL DEFENSE OFFICE (Army), Defense Dept.
Washington, DC 20310

Student manual SM (series).

3870 11.23.2. Radiological defense, planning and operations guide. Revised Nov. 1968. [1968.] cover title, vi+[403] p. il. 4° [Reprinted from Federal civil defense guide.] [Issued with perforations. Supersedes Mar. 1967 issue which may be used.] ‡ ● Item 320-B-2 D 119.8/8 : 11.23.2/3

Technical report TR (series).

3871 54. Fallout shelter design techniques apartment buildings. Jan. 1969. [2] p. oblong 8° folded into 8° size † ● Item 320-B-2 D 119.9 : 54

CIVIL RIGHTS COMMISSION
Washington, DC 20425

3872 Catalog of publications. 1969. cover title, ii+15 p. † ● Item 288-A CR 1.9 : C 28/969

CIVIL SERVICE COMMISSION
Washington, DC 20415

3873 85th annual report [fiscal year 1968], Civil Service Commission. [1968.] [8]+96 p. il. 4° [Title on cover is: Challenge & change, United States Civil Service Commission, annual report 1968. Also issued as H. doc. 13, 91st Cong., 1st sess.] * Paper, $1.25. ● Item 290
L.C. card 4-18119 CS 1.1 : 968

3874 Discontinuance notice to announcement 323 B, medical technologist with Veterans Administration grade GS-7. Oct. 29, 1968. 1 p. oblong 48° † CS 1.26 : 964/323 B/rev.-2/notice

3875 Discontinuance notice to announcement 323 B, medical technologist with Veterans Administration, grade 5/11. Nov. 26, 1968. 1 p. oblong 48° † CS 1.26 : 964/323 B/rev.-2/notice-2

3876 Executive Seminar Center, Kings Point, N.Y. [1968.] cover title, [1]+19 p. il. 4° [Interagency training facility]. ‡ CS 1.65/3 : 968

Federal personnel manual, FPM supplement.

3877 512-1. Job grading system for trades and labor occupations; transmittal sheet 3. Nov. 1968. 4+[30] p. [Transmits Job grading standards for: Trades helper jobs; Intermediate jobs; Fork lift operator, WG-5704; Cook, WG-7404; Motor vehicle operator, WG-5703. Issued in looseleaf form.] * Paper, $13.00 (transmittals for an indefinite period); $5.00 additional for foreign mailing. ● Item 294 CS 1.41/4 : 512-1/trans.3

3878 Instructions to applicants for rural carrier examinations, AN 1977, Sept. 1968. [1968.] [1]+10 p. † ● Item 292 CS 1.28 : 1977/11

3879 Job grading standard for cook, WG-7404. [1968.] cover title, 4 p. [From Federal personnel manual, FPM supplement 512-1, TS-3, Nov. 1968. Issued with perforations.] * Paper, 10c.
CS 1.41/4 : 512-1/trans.3/WG-7404

3880 Job grading standard for fork lift operator, WG-5704. [1968.] cover title, 3 p. [From Federal personnel manual, FPM supplement 512-1, TS-3, Nov. 1968. Issued with perforations.] * Paper, 10c.
CS 1.41/4 : 512-1/trans.3/WG-5704

3881 Job grading standard for intermediate jobs. [1968.] cover title, 2 p. [From Federal personnel manual, FPM supplement 512-1, TS-3, Nov. 1968. Issued with perforations.] * Paper, 10c.
CS 1.41/4 : 512-1/trans.3/intermediate

3882 Job grading standard for motor vehicle operator, WG-5703. [1968.] cover title, 8 p. [From Federal personnel manual, FPM supplement 512-1, TS-3, Nov. 1968. Issued with perforations.] * Paper, 10c.
CS 1.41/4 : 512-1/trans.3/WG-5703

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3883 Job grading standard for trades helper jobs. [1968.] cover title, 2 p. [From Federal personnel manual, FPM supplement 512-1, TS-3, Nov. 1968. Issued with perforations.] * Paper, 10c.
CS 1.41/4 : 512-1/trans.3/helper

Pamphlets. ● Item 299 CS 1.48 : (nos.)

3884 51. Reemployment rights of Federal employees who perform duty in Armed Forces. Dec. 1968. 7 p. narrow 8° * Paper, 10c.

3885 SM 56-7. Occupations of Federal white-collar workers, Oct. 31, 1967; [prepared by Bureau of Manpower Information Systems]. [1968.] [1]+i+125 p. 4° (Manpower Statistics Division.) [Text on p. 3 of cover.] * Paper, $1.25.

3886 [Professional opportunities for] social worker [GS-9-12], apply to Interagency Board of U.S. Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415, announcement WAS 904. Jan. 21, 1969. [1]+4 p. 4° [No written test; no closing date.] † ● Item 292 CS 1.26/4 : 969/WAS-904

COAST GUARD, Transportation Dept.
Washington, DC 20591

3887 Aircraft emergency procedures over water. [1969.] cover title, [95] p. il. 4° (CG 306; Dept. of Air Force, AFM 64-6; Dept. of Navy, OPNAV INST 3730.4A; Dept. of Army, FM 20-151.) [Issued with perforations.] * Paper, $1.00. ● Item 934-A TD 5.8 : Ai 7

3888 Fire fighting manual for tank vessels; July 1, 1968. [1968.] ix+42 p. il. 4° (CG-329.) [Commandant CMC).] † ● Item 934-A
L.C. card 73-600672 TD 5.8 : F 51

3889 Rules and regulations for artificial islands and fixed structures on outer continental shelf, subchap. N; Nov. 1, 1968. [1968.] vi+52 p. (CG-320.) [Title 33, Code of Federal regulations, pts. 140-146 inclusive.] † ● Item 943
L.C. card 57-60537 TD 5.6 : Is 4

COMMERCE DEPARTMENT
Washington, DC 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

3890 Annual report of Secretary of Commerce, fiscal year 1968. [1969.] cover title, vi+98 p. il. 4° * Paper, $1.00. ● Item 126
L.C. card 14-30030 C 1.1 : 968

3891 New technology and American economy, report; by W. Stanley Hoole. Dec. 1, 1968. [5] † 14 p. 4° (Office of State Technical Services, Public Evaluation Committee.) † C 1.2 : T 22/2

3892 Office of State Technical Services, annual report, fiscal year 1968. [1969.] iii+80+G-47 p. il. 4° [Text on p. 2 of cover.] * Paper, $1.25. ● Item 128-C
L.C. card 68-60905 C 1.53/2 : 968

Overseas business reports OBR (series). [Issued irregularly.] * Paper, $16.00 a yr., $5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50 : (nos.)

3893 68-98. Business machine market in Austria, 1967; prepared by James N. Carr. Dec. 1968. 10 p. il. 4° (Business and Defense Services Administration.)

3894 68-101. Market for industrial heating equipment in Sweden, 1961-67; prepared by Metalworking Equipment Division, Business and Defense Services Administration. Dec. 1968. 9 p. 4°

3895 68-102. Foreign trade regulations of Kingdom of Morocco; prepared by Africa Division, Office of International Regional Economics. Dec. 1968. 8 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR's 63-110 and 63-45.]

*For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Overseas business reports OBR (series)—Continued

3896 68-103. Establishing business in France [with bibliography]; prepared by Babette P. Helen and Alexander Dauman. Dec. 1968. 22 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-76.]

3897 68-105. Basic data on economy of Romania [with bibliography]; prepared by Michael H. Goldman. Dec. 1968. 18 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-88.]

3898 68-106. Selling in Netherlands [with bibliography]; prepared in European Division, Office of International Regional Economics. Dec. 1968. 14 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-133.]

3899 68-109. Market factors in Denmark [with bibliography]; prepared by Harold A. McNitt. Dec. 1968. 10 p. 4° (Bureau of International Commerce.) [Issued with perforations.]

3900 68-110. Basic data on economy of Spain [with bibliography]; prepared by Richard Humbert. Dec. 1968. 19 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 63-157.]

3901 68-111. Basic data on economy of Zambia [with list of selected references]; prepared by Susan F. Park. Dec. 1968. 30 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-57.]

3902 68-112. Basic data on economy of French Guiana [with bibliography]; prepared by Walter Haidar. Dec. 1968. 7 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-111.]

3903 68-113. Basic data on economy of Uruguay [with bibliography]; prepared by Elliot Werner. Dec. 1968. 8 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 63-148.]

3904 69-1. Market factors in Norway [with bibliography]; prepared by Grant Olson. Jan. 1969. 7 p. 4° (Bureau of International Commerce.) [Issued with perforations.]

3905 1968 reports by National Export Expansion Council, Policies and actions to improve U.S. balance of trade and balance of payments. Dec. 1968. cover title, iii+56 p. 4° † ● Item 128-B C 1.42/3: R 29

3906 Revolutions in economic policy, address by William H. Chartener, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery before Sons of the Revolution in State of New York, New York City, Jan. 24, 1969. 1969. 9 p. 4° † C 1.18: C 38/16

3907 Statement by William H. Chartener, Assistant Secretary for Economic Affairs, concerning foreign trade balance for December and the entire year 1968, Jan. 29, 1969. [1969.] 4+[3] p. 4° † C 1.18: C 38/17

3908 U.S. economy, recent trends and outlook, remarks by William H. Chartener, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery before American Mining Congress, Washington, D.C., Jan. 14, 1969. 1969. 5 p. 4° † C 1.18: C 38/15

3909 United States Department of Commerce publications, catalog and index, 1967 supplement; [compiled and indexed by Guy F. Glossbrenner with assistance of bureau representatives]. 1968. iv+61 p. (Office of Publications.) * Paper, 25c. C 1.2: P 96/supp.967

COMMERCIAL FISHERIES BUREAU, Interior Dept.
Washington, DC 20240

C.F.S. (series). † I 49.8/2: (nos.)

3910 4561. Frozen fishery trade; by Elizabeth C. Brown. Sept. 1968. iv+40 p. 4° ([H.S. 11.])

3911 4658. Louisiana landings, 1967, annual summary. [Dec. 1968.] 8 p. il. 4° [Prepared in cooperation with Louisiana Wild Life and Fisheries Commission, Division of Oyster and Water Bottoms and Commercial Seafood.] ● Item 610-A

3912 4665. North Carolina landings, 1967, annual summary. [Dec. 1968.] 9 p. il. 4° [Prepared in cooperation with North Carolina Department of Conservation and Development, Division of Commercial and Sport Fisheries.] ● Item 610-A

3913 4836. Massachusetts landings, 1967, by gear and subarea, annual summary. [Dec. 1968.] 15 p. il. 4° ● Item 610-A

3914 4857. Hawaii fisheries, 1967, annual summary. [Dec. 1968.] 4 p. il. 4° [Prepared in cooperation with Hawaii Department of Land and Natural Resources, Division of Fish and Game.] ● Item 610-A

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3915 4887. Middle Atlantic fisheries, 1967, annual summary. [Jan. 1969.] 5 p. il. 4° [Prepared in cooperation with New York Conservation Department, Marine Fisheries Division, and Division of Fish and Game; New Jersey Conservation Department, Division of Fish and Game, New Jersey Shellfish Commission; State of Delaware Commission of Shellfisheries.] ● Item 610–A

3916 4907. New England fisheries, 1967, annual summary. [Jan. 1969.] 8 p. il. 4° [Prepared in cooperation with fishery agencies of Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut.] ● Item 610–A

Circulars. † ● Item 609 I 49.4:(nos.)

3917 295. Report of Bureau of Commercial Fisheries Biological Laboratory, Galveston, Tex., fiscal year 1967 [with list of publications]. Dec. 1968. iv+35 p. il. 4° L.C. card 66–62912

3918 300. Fishermen's atlas of monthly sea surface temperatures for Gulf of Mexico [with list of literature cited]; by Luis R. Rivas. Nov. 1968. [3]+33 p. il. oblong 12° (Contribution 58, Ichthyological Laboratory and Museum, Department of Biology, University of Miami, Coral Gables, Fla.)

3919 304. Fish and wildlife act of 1956, as amended (excerpt from title 16 of United States Code). Dec. 1968. [1]+11p. ([XFWC–A304 1–11 (1968).])

3920 307. Bureau of Commercial Fisheries Biological Laboratory, Galveston, Tex. [1968.] [8] p. il. narrow 8°

3921 308. Sanitation guidelines for breaded-shrimp industry; by Joe P. Clem and E. Spencer Garrett. Nov. 1968. iii+14 p. il.

Fishery bulletin.

3922 v.67 no.1. [Articles, with lists of literature cited.] Dec. 1968 [published 1969]. [2]+181 p. il. 4° † ● Item 611 I 49.27:v.67/no.1

3923 Fishery industrial research, v. 4, no. 5 [articles with lists of references and literature cited]. Dec. 1968. [2]+165–207 p. il. 4° † Bureau of Commercial Fisheries, Branch of Reports, Bldg. 67, U.S. Naval Air Station, Seattle, WA 98115. ● Item 611–B I 49.26/2:4/5

Fishery leaflet.

3924 614. American shad [with list of references]; by Randall P. Cheek. Aug. 1968. iii+13 p. il. 4° [Revision of Fishery leaflet, 504, Feb. 1961.] † ● Item 611–D I 49.28:614

[Historical statistics] H. S. (series).

3925 11. See, above, C.F.S. 4561.

Special scientific report: Fisheries (series). ‡ ● Item 614–B I 49.15/2:(nos.)

3926 572. Effects of lamprey larvicides on invertebrates in streams [with list of literature cited]; by Richard L. Torblaa. Aug. 1968. iii+13 p. il. 4°

3927 576. Oceanographic surveys of Traitors Cove, Revillagigedo Island, Alaska [with list of literature cited]; by Douglas R. McLain. Dec. 1968. iii+15 p. il. 4°

CONGRESS

3928 Congressional pictorial directory, Jan. 1969. 1969. [7]+202 p. il. small 4° [Compiled under direction of Joint Committee on Printing. Illustrations are individual photographs of Members of Congress and certain officials.]* Fabrikoid, $2.75. ● Item 992
L.C. card 68–61223 Y 4.P 93/1:1p/91

Congressional record, proceedings and debates of 90th Congress, 1st session, v. 113. [Permanent edition.] 1967. ● Item 993
L.C. card 12–36438 X.90/1:113/pt.(nos.)

3929 pt. 26. Dec. 5–Dec. 12, 1967. [1]+34995–36174 p. 4° * Cloth, $6.00.

3930 pt. 29. Daily Digest, [Jan. 10–Dec. 15, 1967.] 688 p. 4° * Cloth, $4.25.

3931 Memorial services held in House of Representatives and Senate of United States, together with tributes presented on occasion of his retirement announcement, in eulogy of Elmer Joseph Holland, late representative from Pensylvania, 90th Congress, 2d session. 1968. vii+[1]+104+[1] p. 1 por. † ● Item 1005
L.C. card 73–600471 Y 7.1:H 719

3932 Memorial services in Congress of United States and tributes in eulogy of Robert Francis Kennedy, late Senator from State of New York. 1968. [5]+289 p. 1 por. large 8° [Back Title is: Robert Francis Kennedy 1925–68.] * Cloth, $4.75. ● Item 1005
L.C. card 72–600582 Y 7.1:K 386

334–546—69—No. 890——3

Congressional Serial Set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

House reports:

3933 nos. 1413–1547, with exceptions, 89th Congress, 2d session, House miscellaneous reports on public bills, II [Serial 12713–2]. ● Item 1007–A

3934 nos. 2011–2179, with exceptions, 89th Congress, 2d session, House miscellaneous reports on public bills, VI [Serial 12713–6]. ● Item 1007–A

Senate document:

3935 no. 112, 90th Congress, 2d session, Appropriations, budget estimates, etc. [Serial 12801]. ● Item 995–E

ATOMIC ENERGY JOINT COMMITTEE
Washington, DC 20515

3936 Atomic energy legislation through 90th Congres, 2d session; Dec. 1968. 1969. vi+370 p. (Joint committee print, 90th Congress, 2d session.) * Paper, $1.50.
L.C. card 57-61363 Y 4.At 7/2: L 52/2/968

3937 International agreements for cooperation, 1967–68, hearings before Subcommittee on Agreements for Cooperation, 90th Congress, 1st and 2d sessions, Mar. 20, 1967, and June 25, 1968. 1969. v+467 p. il. 1 pl. † ● Item 999
L.C. card 71-600539 Y 4.At 7/2: In 8/6/967–68

ECONOMIC JOINT COMMITTEE
Washington, DC 20510

1969 economic report of the President, hearings, 91st Congress, 1st session.
3938 pt. 1. Jan. 17, 1969. 1969. iii+279 p. il. * Paper, $1.25. ● Item 1000
L.C. card 71-600713 Y 4.Ec 7: Ec 7/2/969/pt.1

HOUSE OF REPRESENTATIVES
Washington, DC 20515

3939 Cotton and grain futures acts, commodity exchange and warehouse acts, and other laws relating thereto; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. vii+256 p. * Paper, $1.00. ● Item 998
L.C. card 36-26726 Y 1.2: C 82/968

3940 Emergency tariff laws of 1921 and Reciprocal trade agreement act of 1934, with all amendments; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. ii+106 p. * Paper, 40c. ● Item 998
L.C. card 63-60250 Y 1.2: T 17/2/968

3941 Farm relief and agricultural adjustment acts [June 15, 1929–Oct. 11, 1968]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. xviii+778 p. * Paper, $3.25. ● Item 998
L.C. card 39-26293 Y 1.2: F 22/968

3942 Laws relating to commercial air service and miscellaneous air laws [May 10, 1916–Oct. 12, 1968]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. vi+358 p. * Paper, $1.50. ● Item 998
L.C. card 76-600567 Y 1.2: Al 7/6/968

3943 Laws relating to shipping and merchant marine [Sept. 7, 1916–Oct. 12, 1968]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. xxix+1042 p. * Paper, $4.25. ● Item 998
L.C. card 35-26987 Y 1.2: Sh 6/968

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3944 Supplement to compilation of veterans laws [Apr. 25, 1951–Oct. 23, 1968] 82d through 90th Congress; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. xxvii+841 p. * Paper, $3.50. ● Item 998
L.C. card 53-25929 Y 1.2 : V 64/supp.968

House Documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 90th Congress.

3945 232. Minerals yearbook, 1967 : v. 1–2, Metals, minerals, and fuels; prepared by staff of Bureau of Mines. [1968.] ix+1262 p. il. *(Available in departmental edition, cilth, $6.25, I 28.37 : 967/v. 1, 2, and sent to depositories in that form. See Entry no. 4633.)

3946 319. Documents on use and control of waters of interstate and international streams, compacts, treaties, and adjustments; compiled and edited by T. Richard Witmer. 2d edition, 1968. 1968 [published 1969]. viii+815 p. * Paper, $3.50. (To be sent to depository libraries in Serial set binding.)
L.C. card 74-600659

3947 339. St. Francis River, Mo. and Ark., with reference to flood control on Belle Fountain Ditch and tributaries, Mo., and with Drainage District no. 17 of Mississippi County, Ark., letter from chief of engineers, submitting report on review of report; June 27, 1968. 1968. xxii+89 p. 3 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4212.] †

3948 364. Trinity River and tributaries, Tex., letter from chief of engineers, Army, with report of district and division engineers on re-evaluation of navigation features of project for Trinity River, Tex.; July 18, 1968. 1968. vi+628 p. il. 5 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4213.] †

3949 378. O'Neill unit, Nebr., Missouri River Basin project, letter from Assistant Secretary of Interior transmitting report; Sept. 4, 1968. 1968. iii+148 p. il. 15 pl. map. † ● Item 996

3950 381. 12th annual report of Surgeon General [of Public Health Service], on health research facilities construction program for fiscal year 1967; Sept. 9, 1968. 1968. v+75 p. il. [Prepared in consultation with National Advisory Council on Health Research Facilities.] † ● Item 996
L.C. card 57-61391

House documents, 91st Congress.

3951 1. Message from President of United States transmitting state of the Union message, the address of President of United States. Jan. 14, 1969. 9 p. * Paper, 10c. ● Item 996

3952 2. Annual report of Postmaster General, Post Office Department, July 1, 1967–June 30, 1968. [1968.] x+244 p. il. *(Available in departmental edition, $1.25 P 1.1 : 968, and sent to depositories in that form. See Entry no. 4852.)

3953 3. Annual report of Secretary of Treasury on state of finances, fiscal year 1968. [1969.] xxviii+521 p. il. ([Treasury Dept. doc. 3245.]) *(Available in departmental edition, $2.50, T 1.1 : 968, and sent to depositories in that form. See Entry no. 4991.)

3954 12. 82nd annual report of Interstate Commerce Commission, fiscal year 1968 [with list of publications]. 1968 [published 1969]. vii+174 p. il. 2 pl. * (Available in departmental edition, $1.00, IC 1.1 : 968, and sent to depositories in that form. See Entry no. 4427.)

3955 13. 85th annual report [fiscal year 1968], Civil Service Commission. [1968.] [8]+96 p. il. 4° [Title on cover is: Challenge & change. United States Civil Service Commission, annual report 1968.] *(Available in departmental edition, $1.25, CS 1.1 : 968, and sent to depositories in that form. See Entry no. 3873.)

3956 15, pt. 1. Budget of United States Government, fiscal year 1970. [1969.] 551 p. il. *(Available in departmental edition, $2.75, Pr Ex 2.8 : 970, and sent to depositories in that form. See Entry no. 3821.)

3957 15, pt. 2. Budget of United States Government, fiscal year 1970: District of Columbia. [1969.] 60 p. 4° *(Available in departmental edition, 60c., PrEx 2.8/4 : 970, and sent to depositories in that form. See Entry no. 3824.)

3958 16. Budget of United States Government, fiscal year 1970: Appendix. [1969.] 1111 p. 3° *(Available in departmental edition, $8.50, PrEx 2.8 : 970/app., and sent to depositories in that form. See Entry no. 3823.)

3959 17. Federal Power Commission annual report, fiscal year 1968. [1968.] vii+96 p. il. 4° *(Available in departmental edition, $1.25, FP 1.1 : 968 and sent to depositories in that form. See Entry no. 4261.)

3960 19. 34th annual report, Securities and Exchage Commission, fiscal year 1968. [1968.] xx+192 p. il. *(Available in departmental edition, $1.00, SE 1. 1 : 968, and sent to depositories in that form. See Entry no. 4920.)

3961 23. Foreign assistance program, annual report to Congress, fiscal year 1968. [1969.] vi+85 p. il. * (Available in departmental edition, 45c., S 18.1 : 968, and sent to depositories in that form. See Entry no. 4425.)

House documents, 91st Congress—Continued

3962 28. Economic report of the President, transmitted to Congress Jan. 1969, together with annual report of Council of Economics Advisers. 1969. iv+332 p. il. *(Available in departmental edition, $1.50, Pr 36.9: 696, and sent to depositories in that form. See Entry no. 4858.)

3963 31. Reports to be made to Congress, letter from clerk, House of Representatives, transmitting list of reports which it is duty of any officer or department to make to Congress, pursuant to rule 3, clause 2, of rules of House of Representatives, Jan. 3, 1969. 54 p. † ● Item 996

3964 32. Report of proceedings of Judicial Conference of United States. Sept. 19–20, 1968. 1968. [published 1969]. viii+37–87 p. [Also issued in departmental edition and sent to depositories in that form. See Entry no. 3614.] †

3965 33. Report on compilation of General Accounting Office findings and recommendations, fiscal year 1968, letter from Comptroller General transmitting compilation of findings and recommendations; Jan. 3, 1969. 1969. x+159 p. 4° † ● Item 996

3966 43. Findings of Department of Health, Education, and Welfare respecting drugs, social security act; Jan. 14, 1968. 1969. iv+53 p. † ● Item 996

3967 44. Findings of Department of Health, Education, and Welfare on cost standards of drugs for which payments are made under social security amendments of 1967: Jan. 14, 1969. 1969. vi+10 p. † ● Item 996

3968 45. 1969 annual report of Board of Trustees of Federal Hospital Insurance Trust Fund; Jan. 16, 1969. 1969. iv+28 p. † ● Item 996
L.C. card 66–61484

3969 49. National Science Foundation, 18th annual report for fiscal year 1968. [1968.] xvi+279 p. il. ([NSF 69–1.]) *(Available in departmental edition, $1.25 NS 1.1: 968, and sent to depositories in that form. See Entry no. 4813.)

3970 50. Proposed supplemental appropriations and other provisions for fiscal years 1968, 1969, and 1970. Jan. 17, 1969, 60 p. † ● Item 996

3971 51. Salary reform for top officials, message from President of United States transmitting recommendations for salary reforms for top officials of legislative, judicial, and executive branches of Federal Government. Jan. 17, 1969. 5 p. † ● Item 996

3972 56. Marine science affairs, year on broadened participation, 3d report of President to Congress on marine resources and engineering development, Jan. 1969. [1969.] xiii+251 p. il. *(Available in departmental edition, $1.25, PrEx 12.1: 969, and sent to depositories in that form. See Entry 4770.)

3973 60, pt. 1. HUD 2d annual report [calendar year 1966]. [Mar. 1968.] 180 p. il. ([MP–41.]) [Text on p. 2 of cover.] *(Available in departmental edition, 55c., HH 1.1: 966, and sent to depositories in that form. See Entry no. 4382.)

3974 60, pt. 2. HUD 3d annual report [calendar year] 1967. [Nov. 1968.] 110 p. il. 4° ([S/MP–63.]) *(Available in departmental edition, $1.25, HH 1.1: 967, and sent to deopsitories in that form. See Entry no. 4383.)

3975 62. Manpower report of the President, including report on manpower requirements, resources, utilization, and training, transmitted to Congress Jan. 1969. [1969.] ix+[7]+253 p. il. 4° *(Available in departmental edition, $2.00, L 1.42/2: 969, and sent to depositories in that form. See Entry no. 4466.)

3976 66. 6th annual report of U.S. Advisory Commission on International Educational and Cultural Affairs; Jan. 27, 1969. 1969. 36 p. † ● Item 966

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on public bills, 90th Congress. † House Document Room, Capitol. ● Item 1008–A

3977 1982. Activity of Committee on Interstate and Foreign Commerce, 90th Congress, 2d session. Report of Committee on Interstate and Foreign Commerce; Dec. 30, 1968. 1968. iii+30 p.

3978 1983. Small business problems in drug industry, report of subcommittee no. 5 to Select Committee on Small Business, 90th Congress, 2d session, pursuant to H. Res. 53; Dec. 31, 1968. 1968. ix+87 p.
L.C. card 79–600687

3979 1984. Promotional practices by public utilities and their effect upon small business, report of Subcommittee no. 5 to Select Committee on Small Business, 90th Congress, 2d session, pursuant to H. Res. 53; Dec. 31, 1968. 1968. [published 1969]. ix+135 p. il.
L.C. card 72–600688

House reports on public bills, 91st Congress. † House Document Room, Capitol. ● Item 1008–A

3980 1. Disposition of Executive papers. Report from Joint Committee on Disposition of Executive Papers. Jan. 6, 1969. 1 p.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

3981 2. Campaign Expenditures Committee. Report of Special Committee to Investigate Campaign Expenditures, 1968, pursuant to H. Res. 1239, 90th Congress, 2d session; Jan. 7, 1969. 1969. vii+39 p. [Corrected print.]

3982 3. 18th annual report of activities of Joint Committee on Defense Production, with material on mobilization from departments and agencies; Jan. 8, 1969. 1969. xi+417 p. il. 3 tab. (To be sent to depository libraries in Serial set binding).
L.C. card 51-61652

Appropriations Committee, House
Washington, DC 20515

3983 Sentinel anti-ballistic missile system, briefing, 91st Congress, 1st session. 1969. ii+47 p. † ● Item 1011
L.C. card 78-600609 Y 4.Ap 6/1 : M 69/2

Armed Services Committee, House
Washington, DC 20515

3984 Changing strategic naval balance U.S.S.R. vs. U.S.A.; Dec. 1968. 1968. [3]+43 p. il. (Committee print, 90th Congress, 2d session.) * Paper, 20c.
L.C. card 74-600703 Y 4.Ar 5/2 : St 8/2

[Papers], 91st Congress. † ● Item 1012 Y 4.Ar 5/2a : 969-70/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

3985 2. Full committee consideration of H.R. 3832, to provide grade of general for Assistant Commandant of Marine Corps so longs as such office is held by present incumbent. Feb. 3, 1969. p. 17-22.
L.C. card 78-600739

3986 3. Pay and allowances of uniformed services pursuant to title 37, United States Code (Public law 87-649) (76 Stat. 451), as amended through Jan. 3, 1969 and supplementary material; Feb. 17, 1969. 1969. iv+23-125 p.
L.C. card 74-600738

Banking and Currency Committee, House
Washington, DC 20515

3987 Legal and economic impact of foreign banking procedures on United States, hearing, 90th Congress, 2d session, Dec. 9, 1968. 1968. iv+173 p. * Paper, 65c. ● Item 1013
L.C. card 71-600346 Y 4.B 22/1 : F 76

Foreign Affairs Committee, House
Washington, DC 20515

3988 Air piracy in Caribbean area, report of Subcommittee on Inter-American Affairs, pursuant to H. Res. 179; Dec. 10, 1968. 1968. vii+27 p. (Committee print, 90th Congress, 2d session.) ‡
L.C. card 77-600701 Y 4.F 76/1 : P 66

3989 Continuing Near East crisis, background information, prepared [by Melvin O. Benson, staff consultant] for Subcommittee on Near East; Jan. 10, 1969. 1969. v+40 p. il. (Subcommittee print, 91st Congress, 1st session.) ‡
L.C. card 79-600679 Y 4.F 76/1 : Ea 7/7

3990 Foreign assistance act of 1968, hearings, 90th Congress, 2d session, on H.R. 15263. ● Item 1017 Y 4.F 76/1 : F 76/28/968/pt.5
pt. 5. Apr. 3-11, 1968. 1968. iii+785-948 p. il. * Paper, 50c.
L.C. card 68-61186

Government Operations Committee, House
Washington, DC 20515

3991 Procurement of aircraft rocket launchers, report; Nov. 1968. 1968. iii+39 p. (Subcommittee print, 90th Congress, 2d session.) ‡
L.C. card 74-600064 Y 4.G 74/7 : R 59/3

Interior and Insular Affairs Committee, House
Washington, DC 20515

[Committee hearings], 90th Congress.

3992 31. Narrows unit, Colo., Missouri River Basin project, hearings before Sub-committee on Irrigation and Reclamation, 90th Congress, 2d session, on H.R. 17566, Nov. 25, 1968. 1969. vi+147 p. il. † ● Item 1023
L.C. card 78-600712 Y 4.In 8/14 : 90-31

3993-94 [These entry numbers not used.]

Post Office and Civil Service Committee, House
Washington, DC 20515

3995 Position classification in Federal Government, prepared for use of Subcommittee on Position Classification; June 11, 1968. 1968. iii+48 p. (Committee print 8, 90th Congres, 2d session.) ‡
L.C. card 70-600079 Y 4.P 84/10 : C 56/3

3996 Revision of laws relating to transportation of mail, requested by Postmaster General; Oct. 1968. 1968. iii+41 p. (Committee print 13, 90th Congress, 2d session.) ‡
L.C. card 76-700078 Y 4.P 84/10 : L 44/2

3997 Salary and retirement annuity increases of Federal classified and postal employees, 1945-68, together with current salary schedules; July 1968. 1968. ii+10 p. (Committee print 12, 90th Congress, 2d session.) ‡
L.C. card 73-600096 Y 4.P 84/10 : Sa 3/15/945-68

3998 Summary of activities of Committee on Post Office and Civil Service during 90th Congress; Nov. 1, 1968. 1968. v+55 p. (Committee print 14, 90th Congress, 2d session.) ‡
L.C. card 51-61514 Y 4.P 84/10 : Ac 8/968

Science and Astronautics Committee, House
Washington, DC 20515

3999 Managing the environment, report of Subcommittee on Science, Research, and Development to Committee on Science and Astronautics. 1968. viii +59 p. (Serial S; Committee print.) ‡
L.C. card 68-67098 Y 4.Sci 2 : 90-2/S

4000 National program of institutional grants for science and science education; [prepared by Dorothy M. Bates]. 1968. vii+136 p. (Serial R; committee print.) [Study for Subcommittee on Science, Research, and Development, prepared by Science Policy Research Division, Legislative Reference Service, Library of Congres.] ‡
L.C. card 74-600222 Y 4.Sci 2 : 90-2/R

[Paper], 90th Congress.

4001 10. Aeronautical research and development, hearings before Subcommitee on Advanced Research and Technology, 90th Congress, 2d session, Sept. 24-Oct. 3, 1968. 1968. iv+370 p. il. † ● Item 1025-A
L.C. card 75-600599 Y 4.Sci 2 : 90-2/10

4002 Policy issues in science and technology, review and forecast, 3d progress report of Subcommittee on Science, Research, and Development, 90th Congress, 2d session 1968. v+54 p. 1 pl. (Serial V; committee print.) ‡
L.C. card 79-600084 Y 4.Sci 2 : 90-2/V

Small Business, Select Committee on, House
Washington, DC 20515

4003 Promotional practices by public utilities and their impact upon small business, hearings before Subcommittee on Activities of Regulatory Agencies, 90th Congres, 2d session, pursuant to H. Res. 53, Feb. 1-July 16, 1968. 1968 [published 1969]. viii+750+A393 p. il. † ● Item 1031
L.C. card 74-600458 Y 4.Sm 1 : P 96/2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Un-American Activities Committee, House
Washington, DC 20515

4004 Guerrilla warfare advocates in United States, report [prepared by Phillip Abbott Luce and others] 90th Congress, 2d session. 1968. iv+65+viii p. (Committee print.) *(Available as H. rp. 1351, 90th Cong., 2d sess., 30c. See Entry 10302, Aug. 1968 Monthly catalog.)
L.C. card 68-61555 Y 4.Un 1/2 : G 93

4005 Subversive influences in riots, looting, and burning, hearings, 90th Congress, 2d session.
pt. 5 Buffalo, N.Y., June 20, 1968. 1968 [published 1969]. iv+1987-2048+vi p. il. * Paper, 30c. ● Item 1026
L.C. card 68-61502 Y 4.Un 1/2 : R 47/pt.5

Ways and Means Committee, House
Washington, DC 20515

4006 Tax reform studies and proposals, Treasury Department, joint publication of Committee on Ways and Means, House, and Committee on Finance, Senate, Feb. 5, 1969. 1969. (Committee print, 91st Congress, 1st session.)
● Item 1028 and 1038
L.C. card 76-600717 Y 4.W 36 : T 19/42/pt. (nos.)
pt. 1. v+1-ix+1-124 p. il. * Paper, 55c.
pt. 2. xi+[1]+127-291 p. * Paper, 65c.
pt. 3. xi+[1]+295-475 p. * Paper, 70c.

SENATE
Washington, DC 20510

4007 Journal of Senate, 2d session of 90th Congress, Jan. 15-[Oct. 14], 1968. 1968. [1]+1142 p. 4° ‡ ● Item 1047 XJS : 90-2

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 90th Congress.

4008 111. Ozark Lock and Dam, and lock and dam no. 9, Arkansas River, Ark., letter from chief of engineers, Army, submitting report on review of reports; Oct. 10, 1968. 1968. xxvi+188 p. il. 6 pl. 6 tabs. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4211.] †

4009 112. Appropriations, budget estimates, etc., statements, 90th Congress, 2d session, Jan. 15-Oct. 14, 1968, showing appropriations made, etc. 1969. 1532 p. large 8° † (To be sent to depository libraries in Serial set binding.)

4010 113. Dedication, discipline, duty, Republican report of Everett McKinley Dirksen of Illinois, Minority leader for 2d session, 90th Congress; Oct. 11, 1968.

Senate documents, 91st Congress.

4011 4. Review of payroll activities, letter from Comptroller General of United States transmitting report on review of payroll activities of Architect of Capitol;

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008-B

4012 9. Dr. Jorge P. Garcia. Report from Committee on Judiciary to accompany S. 129. Feb. 7, 1969. 5 p.

4013 10. Dr. Carlos M. Perez-Abreu. Report from Committee on Judiciary to accompany S. 130. Feb. 7, 1969. 4 p.

4014 11. Dr. Jose Ramon Fernandez-Gonzalez. Report from Committee on Judiciary to accompany S. 132. Feb. 7, 1969. 4 p.

4015 12. Dr. Miguel A. Gomez. Report from Committee on Judiciary to accompany S. 147. Feb. 7, 1969. 4 p.

4016 13. Dr. Juan Alfredo Milera. Report from Committee on Judiciary to accompany S. 148. Feb. 7, 1969. 6 p.

Senate reports on private bills, 91st Congress—Continued

4017 14. Dr. Fermin Ferro. Report from Committee on Judiciary to accompany S. 151. Feb. 7, 1969. 6 p.
4018 15. Dr. Carlos Jesus Aguilar Lima. Report from Committee on Judiciary to accompany S. 153. Feb. 7, 1969. 5 p.
4019 16. Dr. Joaquin Francisco Palmerola Cabrera. Report from Committee on Judiciary to accompany S. 154. Feb. 7, 1969. 6 p.
4020 17. Dr. Jose Ramon Portela y Margolles. Report from Committee on Judiciary to accompany S. 155. Feb. 7, 1969. 6 p.
4021 18. Dr. Aurelio Julian Andres Jimenez Cortina. Report from Committee on Judiciary to accompany S. 156. Feb. 7, 1969. 6 p.
4022 19. Dr. Martiniano L. Orta. Report from Committee on Judiciary to accompany S. 157. Feb. 7, 1969. 5 p.
4023 20. Dr. Cesar Baro Esteva. Report from Committee on Judiciary to accompany S. 572. Feb. 7, 1969. 5 p.
4024 21. Dr. Mete V. Altug. Report from Committee on Judiciary to accompany S. 113. Feb. 7, 1969. 4 p.
4025 22. Dr. Jose Carlos Suarez-Diaz. Report from Committee on Judiciary to accompany S. 127. Feb. 7, 1969. 5 p.
4026 23. Dr. Miguel Angel Garcia Plasencia. Report from Committee on Judiciary to accompany S. 149. Feb. 7, 1969. 5 p.
4027 24. Soon-Hie Cho Young. Report from Committee on Judiciary to accompany S. 76. Feb. 7, 1969. 4 p.
4028 25. Dr. Jagir Singh Randhawa. Report from Committee on Judiciary to accompany S. 85. Feb. 7, 1969. 5 p.
4029 26. Peter Rudolf Gross. Report from Committee on Judiciary to accompany S. 378. Feb. 7, 1969. 7 p.
4030 27. Gyorgy Sebok. Report from Committee on Judiciary to accompany S. 490. Feb. 7, 1969. 7 p.
4031 28. Dr. Jose R. Guerra. Report from Committee on Judiciary to accompany S. 573. Feb. 7, 1969. 4 p.
4032 29. Domingo Lamadriz. Report from Committee on Judiciary to accompany S. 584. Feb. 7, 1969. 4 p.
4033 30. Nguyen Van Hue. Report from Committee on Judiciary to accompany S. 586. Feb. 7, 1969. 6 p.
4034 31. Dr. Eduardo Fernandez-Dominguez. Report from Committee on Judiciary to accompany S. 131. Feb. 7, 1969. 7 p.
4035 32. Dr. Kenneth Siu. Report from Committee on Judiciary to accompany S. 112. Feb. 7, 1969. 5 p.
4036 33. Basil Rowland Duncan. Report from Committee on Judiciary to accompany S. 165. Feb. 7, 1969. 7 p.
4037 34. Conferring U.S. citizenship posthumously upon Lance Cpl. Theodore Daniel Van Staveren. Report from Committee on Judiciary to accompany S. 256. Feb. 7, 1969. 4 p.
4038 35. Marie-Louise (Mary Louise) Pierce. Report from Committee on Judiciary to accompany S. 495. Feb. 7, 1969. 9 p.
4039 36. Stella Dribensky. Report from Committee on Judiciary to accompany S. 510. Feb. 7, 1969. 8 p.
4040 37. Francisco Renigio Fabre Solino (Frank R. S. Fabre). Report from Committee on Judiciary to accompany S. 678. Feb. 7, 1969. 7 p.
4041 38. Rene E. Montero. Report from Committee on Judiciary to accompany S. 682. Feb. 7, 1969. 5 p.
4042 39. Dr. Juan Antonio Lopez. Report from Committee on Judiciary to accompany S. 686. Feb. 7, 1969. 6 p.
4043 40. Dr. Benito V. Odulio. Report from Committee on Judiciary to accompany S. 109. Feb. 7, 1969. 10 p.
4044 41. Liliana Grasseschi Baroni. Report from Committee on Judiciary to accompany S. 319. Feb. 7, 1969. 8 p.
4045 42. Yuka Awamura. Report from Committee on Judiciary to accompany S. 458. Feb. 7, 1969. 8 p.

Senate reports on public bills, 90th Congress. † Senate Document Room, Capitol. ● Item 1008–A

4046 1532. Designating Mount Jefferson Wilderness, Willamette, Deschutes, and Mount Hood National Forests, in Oregon. Report from Committee on Interior and Insular Affairs to accompany S. 2751. Sept. 11, 1968. 5 p.

Senate reports on public bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008–A

4047 2. Study of Federal housing and urban development programs. Report from Committee on Banking and Currency to accompany S. Res. 23. Jan. 16, 1969. 2 p.
4048 43. Investigation of aeronautical and space activities of Federal departments and agencies. Report from Committee on Rules and Administration to accompany S. Res. 59. Feb. 7, 1969. 3 p.
4049 44. Investigations by Committee on Armed Services. Report from Committee on Rules and Administration to accompany S. Res. 56. Feb. 7, 1969. 4 p.
4050 46. Study of housing and urban affairs. Report from Committee on Rules and Administration to accompany S. Res. 23. Feb. 7, 1969. 3 p.
4051 47. Investigations by Committee on Commerce. Report from Committee on Rules and Administration to accompany S. Res. 79. Feb. 7, 1969. 28 p.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4052 48. Crime in District of Columbia. Report from Committee on Rules and Administration to accompany S. Res. 84. Feb. 7, 1969. 5 p.

4053 49. Authorizing Committee on Finance to employ additional clerical assistants. Report from Committee on Rules and Administration to accompany S. Res. 66. Feb. 7, 1969. 2 p.

4054 50. Study of U.S. foreign policies. Report from Committee on Rules and Administration to accompany S. Res. 64. Feb. 7, 1969. 3 p.

4055 54. Study of intergovernmental relations between United States and States and municipalities. Report from Committee on Rules and Administration to accompany S. Res. 27. Feb. 7, 1969. 8 p.

4056 55. Study of certain aspects of national security and international operations. Report from Committee on Rules and Administration to accompany S. Res. 24. Feb. 7, 1969. 4 p.

4057 57. Study of administrative practice and procedure in Government departments and agencies. Report from Committee on Rules and Administration to accompany S. Res. 39. Feb. 7, 1969. 4 p.

4058 58. Investigation of administration of antitrust and monopoly laws. Report from Committee on Rules and Administration to accompany S. Res. 40. Feb. 7, 1969. 6 p.

4059 62. Study of criminal laws and procedures. Report from Committee on Rules and Administration to accompany S. Res. 44. Feb. 7, 1969. 5 p.

4060 64. Study of Federal judicial system. Report from Committee on Rules and Administration to accompany S. Res. 47. Feb. 7, 1969. 4 p.

4061 65. Investigation of immigration and naturalization matters. Report from Committee on Rules and Administration to accompany S. Res. 45. Feb. 7, 1969. 7 p.

4062 67. Investigation of juvenile delinquency. Report from Committee on Rules and Administration to accompany S. Res. 48. 7 p.

4063 68. Study of national penitentiaries. Report from Committee on Rules and Administration to accompany S. Res. 54. Feb. 7, 1969. 2 p.

4064 70. Study of problems created by flow of refugees and escapees. Report from Committee on Rules and Administration to accompany S. Res. 50. Feb. 7, 1969. 4 p.

4065 71. Study of matters pertaining to revision and codification of statutes of United States. Report from Committee on Rules and Administration to accompany S. Res. 51. Feb. 7, 1969. 4 p.

4066 75. Providing additional staff and funds for Committee on Public Works. Report from Committee on Rules and Administration to accompany S. Res. 34. Feb. 7, 1969. 4 p.

4067 80. Senate delegation to foreign governments or parliamentary bodies and associations. Report from Committee on Rules and Administration to accompany S. Res. 65. Feb. 7, 1969. 3 p.

Agriculture and Forestry Committee, Senate
Washington, DC 20510

4068 Prospective nominations of Clifford M. Hardin, J. Phil Campbell, and Clarence D. Palmby, hearing, 91st Congress, 1st session, on prospective nominations of Clifford M. Hardin, of Nebraska, as Secretary of Agriculture, J. Phil Campbell, of Georgia, as Under Secretary of Agriculture and as member of Board of Directors, Commodity Credit Corporation, and Clarence D. Palmby, of Virginia, as Assistant Secretary of Agriculture and as member of Board of Directors, Commodity Credit Corporation, Jan. 16, 1969. 1969. iii+21 p. † ● Item 1032
L.C. card 71-600468 Y 4.Ag 8/2 : H 21

Armed Services Committee, Senate
Washington, DC 20510

4069 Military deserters, hearings before subcommittee, 90th Congress, 2d session, on problem of deserters from military service, May 21 and 22, 1968. 1968. iii+74 p. † ● Item 1034
L.C. card 72-600610 Y 4.Ar 5/3 : D 45

4070 Nominations of Froehlke, Shillito, and Lincoln, hearing, 91st Congress, 1st session, on Robert F. Froehlke, to be Assistant Secretary of Defense, Barry J. Shillito, to be Assistant Secretary of Defense, George A. Lincoln, to be director of Office of Emergency Preparedness, Jan. 28, 1969. 1969. iii+21 p. † ● Item 1034
L.C. card 79-600601 Y 4.Ar 5/3 : F 92/2

4071 Nominations of Laird, Packard, and Darden, hearings, 91st Congress, 1st session, on Melvin R. Laird, Secretary of Defense-designate, David Packard. Deputy Secretary of Defense-designate. William H. Darden, member of U.S. Court of Military Appeals, Jan. 14 and 15, 1969. 1969. iii+84 p. † ● Item 1034
L.C. card 70-600454 Y 4.Ar 5/3 : L 14

4072 Nominations of Resor, Chafee, and Seamans, hearings, 91st Congress, 1st session, on Stanley R. Resor, Secretary of Army, John H. Chafee, of Rhode Island, to be Secretary of Navy, Robert C. Seamans, jr., of Massachusetts, to be Secretary of Air Force, Jan. 23, 1969. 1969. iii+32 p. † ● Item 1034
L.C. card 77-600535 Y 4.Ar 5/3 : R 31/20

Banking and Currency Committee, Senate
Washington, DC 20510

4073 Lease guarantee program of Small Business Administration; Sept. 1968; [by Lewis G. Odom, jr., and Tim C. Ford]. 1968. ii+7 p. (Committee print, 90th Congress, 2d session.) [Staff review and analysis prepared for Committee on Banking and Currency and Select Committee on Small Business, Senate.] ‡
L.C. card 73-600700 Y 4.B 22/3 : Sm 1/19

4074 Nominations of Paul W. McCracken, Hendrik S. Houthakker, and Herbert Stein, hearing, 91st Congress, 1st session, on nominations of Paul W. McCracken, Hendrick S. Houthakker, and Herbert Stein to be members of Council of Economic Advisers, Jan. 27, 1969. 1969. ii+30 p. † ● Item 1035
L.C. card 73-600605 Y 4.B 22/3 : M 13

Commerce Committee, Senate
Washington, DC 20510

[Committee hearing] serial, 90th Congress.

4075 90. New maritime program, hearing before Subcommittee on Merchant Marine and Fisheries, 90th Congress, 2d session, on S. 2650, May 10, 1968. 1968 [published 1969]. iii+96 p. ii. † ● Item 1041
L.C. card 70-600457 Y 4.C 73/2 : 90-90

Finance Committee, Senate
Washington, DC 20510

4076 Nominations of David M. Kennedy, of Illinois, to be Secretary of Treasury and Robert H. Finch, of California, to be Secretary of Health, Education, and Welfare, hearing, 91st Congress, 1st session, Jan. 14, 1969. 1969. iii +47 p. † ● Item 1038
L.C. card 78-600467 Y 4.F 49 : K 38

4077 Nominations of Will E. Leonard, jr., of Louisiana, and Herschel D. Newsom, of Indiana, to be members of Tariff Commission, hearing, 90th Congress, 2d session, Oct. 9, 1968. 1968. ii+12 p. [Corrected print.] † ● Item 1038 (special offer)
L.C. card 68-67397 Y 4.F 49 : L 55

4078 Tax reform studies and proposals, Treasury Department, joint publication. See Ways and Means Committee, House.

Foreign Relations Committee, Senate
Washington, DC 20510

4079 Nomination of Elliot L. Richardson to be Under Secretary of State, hearing, 91st Congress, 1st session, Jan. 15, 1969. 1969. [2]+15 p. † ● Item 1039
L.C. card 74-600466 Y 4.F 76/2 : R 39

4080 Nomination of Frank J. Shakespeare, jr., to be director, United States Information Agency, hearing, 91st Congress, 1st session, Jan. 27, 1969. 1969. ii+37 p. ● Item 1039
L.C. card 70-600536 Y 4.F 76/2 : Sh 1

4081 Nomination of U. Alexis Johnson to be Under Secretary of State for Political Affairs, hearings, 91st Congress, 1st session, Jan. 28-29, 1969. 1969. ii +71 p. † ● Item 1039
L.C. card 74-600537 Y 4.F 76/2 : J 63

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Government Operations Committee, Senate
Washington, DC 20510

4082 Staff study of major riots and civil disorders, 1965–July 31, 1968; [prepared by Robert E. Dunne, assistant counsel, and B. Crichton Jones, research assistant], Permanent Subcommittee on Investigations; Oct. 1968. 1968. iii+19 p. (Committee print, 90th Congress, 2d session.) ‡
L.C. card 72–600574 Y 4.G 74/6 : R 47/2

Interior and Insular Affairs Committee, Senate
Washington, DC 20510

4083 Alaska native land claims, hearings, 90th Congress, 2d session, on S. 2906, S. 1964, S. 2690, S. 2020, and S. 3586. ● Item 1040
pt. 2. July 12, 1968. 1968. iii+509–620 p. †
L.C. card 68–61539 Y 4.In 8/13 : Al 1/21/pt.2

4084 Interior nomination, hearings, 91st Congress, 1st session, on nomination of Walter J. Hickel, of Alaska, to be Secretary of Interior. † ● Item 1040
L.C. card 77–600456 Y 4.In 8/13 : N 72/969/pt. (nos.)
[pt. 1]. Jan. 15–18, 1969. 1969. ii+1–355 p.
pt. 2. Jan 18–20, 1969. 1969. ii+357–459 p.

4085 Lincoln Back Country Wilderness Area, Mont., hearing before Subcommittee on Public Lands, 90th Congress, 2d session, on S. 1121, Sept. 23, 1968. 1968. xiv+373 p. † ● Item 1040
L.C. card 77–600342 Y 4.In 8/13 : L 63

4086 National policy for environment, report on need for national policy for environment, explanation of its purpose and content, exploration of means to make it effective, and listing of questions implicit in its establishment, special report [by William J. Van Ness, special counsel to Committee, and Natural Resources Division, Legislative Reference Service, Library of Congress], together with statement by Henry M. Jackson; July 11, 1968. 1968. x+35 p. (Committee print, 90th Congress, 2d session.) ‡
L.C. card 70–600702 Y 4.In 8/13 : En 8/2

Judiciary Committee, Senate
Washington, DC 20510

4087 Congressional oversight of administrative agencies (National Labor Relations Board), hearings before Subcommittee on Separation of Powers, 90th Congress, 2d session.
L.C. card 75–600513 Y 4.J 89/2 : C 76/16/pt.1
pt. 1. Mar. 26–June 5, 1968. 1968. viii+950 † ● Item 1042

4088 Expediting act amendments, hearings before Subcommittee on Antitrust and Monopoly, 90th Congress, 2d session, pursuant to S. Res. 233 on S. 2721 and S. 2806–2812, Apr. 16 and 18, 1968. 1968. iv+145 p. † ● Item 1042
L.C. card 75–600649 Y 4.J 89/2 : Ex 7/2

4089 Insurance industry, hearings before Subcommittee on Antitrust and Monopoly, 90th Congress, 2d session, pursuant to S. Res. 233.
Y 4.J 89/2 : In 7/3/pt.13
pt. 13. Automobile liability insurance, June 25–28, 1968. 1968. vi+7389–8244 p. ill. * Paper, $3.50. ● Item 1042
L.C. card 59–60947

4090 John M. Mitchell, Attorney General-designate, hearing, 91st Congress, 1st session, Jan. 14, 1969. 1969. ii+16 p. † ● Item 1042
L.C. card 79–600573 Y 4.J 89/2 : M 69

Labor and Public Welfare Committee, Senate
Washington, DC 20510

4091 Establishment of Select Committee on Nutrition and Human Needs, legislative history and activities of Subcommittee on Employment, Manpower, and Poverty, prepared by Subcommittee on Employment, Manpower, and Poverty; Sept. 1968. 1968. iv+36 p. (Committee print, 90th Congress, 2d session.) ‡
L.C. card 73-600061 Y 4.L 11/2 : N 95

4092 Examination of war on poverty, staff and consultants reports, prepared for Subcommittee on Employment Manpower, and Poverty, on community action program; Sept. 1967. (Committee print, 90th Congress, 1st session.) ‡
L.C. card 68-62801 Y 4.L 11/2 : P 86/5/v. (nos.)
v. 6. Great Lakes. 1967. v+1671-2048 p.
v. 8. State Technical Assistance Agencies. 1967. v+2311-2425 p.

4093 Indian education, hearings before Special Subcommittee on Indian Education, 90th Congress, 1st and 2d session, on study of education of Indian children. † ● Item 1043
L.C. card 78-600459 Y 4.L 11/2 : In 2/2/pt. (nos.)
pt. 1. Dec. 14, 1967-Jan. 4, 1968. 1969. v+1-535 p. il. [Hearings held in Washington, D.C., and San Francisco, Calif.]
pt. 2. Feb. 19, 1968. 1969. iv+537-988 p. il. [Hearings held in Twin Oaks, Calif.]
pt. 3. Mar. 30, 1968. 1969. iv+989-1228 p. il. [Hearings held in Flagstaff, Ariz.]
pt. 4. Apr. 16. 1968. 1969. iv+1229-1906 p. il. [Hearings held in Pine Ridge, S. Dak.]
pt. 5. May 24-Oct. 1, 1968. vi+1907-2371 p. il. [Hearings held in Portland, Oreg. and Washington, D. C.

4094 Mental retardation facilities and community mental health centers construction act of 1963, as amended, selected titles, prepared by Subcommittee on Health; Dec. 1968. 1968. v+13 p. (Committee print, 90th Congress, 2d session.) ‡
L.C. card 68-60959 Y 4.L 11 : M 52/7/968-2

4095 Nomination, hearing, 91st Congress, 1st session, on George P. Shultz to be Secretary of Labor, Jan. 16, 1969. 1969. ii+29 p. † ● Item 1043
L.C. card 72-600716 Y 4.L 11/2 : N 72/5/969

Post Office and Civil Service Committee, Senate
Washington, DC 20510

4095A Nomination of James E. Johnson to be Civil Service Commissioner, hearing, 91st Congress, 1st session, Jan. 24, 1969. 1969. iii+32 p. † ● Item 1044
L.C. card 79-600715 Y 4.P 84/11 : J 63

4095B Nomination of Winton M. Blount to be Postmaster General of United States, hearing, 91st Congress, 1st session, Jan. 17, 1969. 1969. iii+34 p. † ● Item 1044
L.C. card 75-600714 Y 4.P 84/11 : B 62

Public Works Committee, Senate
Washington, DC 20510

4096 Continuing review of Federal role in economic revitalization, hearing before Special Subcommittee on Economic Development, 90th Congress, 2d session, Sept. 16, 1968. 1968. iii+23 p. [Hearing held in Indianapolis, Ind.] † ● Item 1045
L.C. card 78-600538 Y 4.P 96/10 : Ec 7

4097 River and harbor, flood control, and beach erosion control projects in Hawaii, report by Stephen M. Young, chairman, Subcommittee on Flood Control, Rivers and Harbors on special on-site inspection made on Nov. 18-23, 1968; Dec. 1968. 1968 [published 1969]. x+96 p. il. map. (Committee print, 90th Congress, 2d session.) ‡
L.C. card 70-600729 Y 4.P 96/10 : H 31

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Small Business, Select Committee on, Senate
Washington, DC 20510

4098 Conference on southern pine industry problems, by staff members, with representatives of Department of Army and Southern Pine Association; Oct. 23, 1968. 1968. iii+22 p. (Committee print, 90th Congress, 2d session.) ‡
L.C. card 73-600735 Y 4.Sm 1/2 : P 65

4099 Lease guarantee program of Small Business Administration. See Banking and Currency Committee, Senate.

4100 Regional export expansion, hearings, 90th Congress, 2d session, on potentials and problems of developing exports of small business and regional industries and institutions over next decade.
pt. 4. South Atlantic, Mar. 15 and 18, 1968. 1969. vi+1137-1464 p. il. 2 pl. [Hearings held in Miami, Fla.] † ● Item 1049
L.C. card 67-62806 Y 4.Sm 1/2 : Ex 7/2/pt.4

4101 Timber management policies, hearing before Subcommittee on Retailing, Distribution, and Market Practices, 90th Congress, 2d session, on what are wood needs of the future, and how will they be met; Nov. 26, 1968. 1969. iv+577 p. il. 6 maps. † ● Item 1049
L.C. card 79-600514 Y 4.Sm 1/2 : T 48/2

CONSUMER AND MARKETING SERVICE, Agriculture Dept.
Washington, DC 20250

1969 acreage marketing guides AMG (series).
4102 65. 1969 spring potatoes. Nov. 1968. 26 p. il. 4° † ● Item 18-D
A 88.26/4 : 65

4103 Amendment no. 2 to Institutional meat purchase specifications for portion-cut meat products, series 1000, dated Mar. 1967. June 1967. 1 p. 4° (Livestock Division.) † A 88.17/4 : M 46/967/amdt.2

C&MS (series).
4104 73. Match supply with demand to market vegetables successfully. [Jan. 1969.] [4] p. [Supersedes PA-258, Acreage-marketing guides for vegetable growers.] † A 88.40/2 : 73

4105 Food cost control, school breakfast program. Jan. 1969. 4 p. 4° (School Lunch Division.) † A 88.2 : F 73/4

4106 Regulations (other than rules of practice) under Perishable agricultural commodities act, 1930 and Perishable agricultural commodities act; regulations effective Jan. 1, 1969. [1969.] [1]+ii+40 p. † ● Item 107-B A 88.6 : P 41/969

4107 Supplement to Cotton quality crop of 1967. Jan. 1969. 17 p. 4° (v. 41, no. 8a; Cotton Division.) † A 88.11 : 41/8a

4108 United States standards for grades of canned blended grapefruit juice and orange juice, effective Sept. 21, 1968. 5th issue as amended. [1968.] [2]+6 p. il. 4° [Published in Federal register, Sept. 18, 1954. Supersedes standards which have been in effect since Jan. 8, 1965.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, DC 20250 A 88.6/2 : G 767/4/968

4109 United States standards for grades of canned concentrated orange juice, effective Sept. 21, 1968. 4th issus as amended. [1969.] [2]+7+1 p. il. 4° [Corrected copy. Published in Federal Register of Nov. 17, 1964. Supersedes standards which have been in effect since that time.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, D.C. 20250 A 88.6/2 : Or 1/7/968/corr.

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

4110 United States standards for grades of frozen concentrate for lemonade, effective Sept. 21, 1968. 1st issue as amended. [1968.] [2]+6 p. il. 4° [Published in Federal Register Dec. 9, 1953. Supersedes standards which have been in effect since Aug. 4, 1959.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, D.C. 20250
A 88.6/2: L 544/968

4111 United States standards for grades of frozen concentrate for limeade, effective Sept. 21, 1968. 1st issue, as amended. [1968.] [2]+6 p. il. 4° [Published in Federal Register of Apr. 26, 1955–Aug. 22, 1969. Supersedes standards which have been in effect since Nov. 2, 1956.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, D.C. 20250 A 88.6/2: L 629/968

4112 United States standards for grades of frozen concentrated grapefruit juice, effective Sept. 21, 1968. 2d issue, as amended. [1968.] [2]+6 p. il. 4° [Published in Federal Register of Nov. 28, 1956–Aug. 22, 1968. Supersedes standards which have been in effect since Dec. 28, 1956.] †Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, D.C. 20250 A 88.6/2: G 767/6/968

4113 United States standards for grades of grapefruit juice, effective Dec. 7, 1968. 1st issue as amended. [1968.] [2]+6 p. il. 4° [Published in Federal Register of Feb. 2, 1968. Supersedes standards which have been in effect since Oct. 1, 1968.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, D.C. 20250. A 88.6/2: G 767/10/968-2

COPYRIGHT OFFICE, Library of Congress
Washington, DC 20540

Catalog of copyright entries, 3d series, v. 21. * Paper, $50.00 a yr. (including semiannual issues of pts. 1–13); $12.50 additional for foreign mailing. ● Item 798 LC 3.6/5: v.21/pt.7–11A/(nos.)

4114 pt. 7–11A. Works of art, reproductions of works of art, scientific and technical drawings, photographic works, prints and pictorial illustrations, no. 1; Jan.–June 1967. 1968. ix+173 p. 4°
L.C. card 6–35347

4115 pt. 7–11A. Works of art, reproductions of works of art, scientific and technical drawings, photographic works, prints and pictorial illustrations. no. 2; July–Dec. 1967. 1968. ix+175–346 p. 4°
Note. Part 7–11A also sold seperately on subscription. * Paper, $5.00 a yr., $1.25 additional for foreign mailing; single copy, $2.50.

Catalog of copyright entries, 3d series, v. 22. * Paper, $50.00 a yr. (including semiannual issues for pts. 1–13); $12.50 additional for foreign mailing. LC 6/5: 22/pt. (nos.)/(nos.)

4116 pts. 3–4. Drama and works prepared for oral delivery, no. 1; Jan.–June 1968. 1968. ix+92 p. 4° ● Item 794
L.C. card 6–35347
Note.—Parts 3–4 also sold separately on subscription. * Paper, $5.00. $1.25 additional for foreign mailing; single copy, $2.50.

4117 pt. 6. Maps and atlases, no. 1; Jan.–June 1968. 1968. ix+115 p. 4° ● Item 797
L.C. card 6–35347
Note.—Part 6 also sold separately on subscription. * Paper, $5.00 a yr., $1.25 additional for foreign mailing; single copy, $2.50.

4118 pts. 12–13. Motion pictures and filmstrips, no. 1; Jan.–June 1968. 1968. ix+64 p. 4° ● Item 800
L.C. card 6–35347
Note.—Parts 12–13 also sold separately on subscription. * Paper, $5.00 a yr., $1.25 additional for foreign mailing; single copy, $2.50.

COURT OF CUSTOMS AND PATENT APPEALS
Washington, DC 20439

4119 Cases decided in United States Court of Customs and Patent Appeals; v. 55, Customs cases adjudged in Court of Customs and Patent Appeals,

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Oct. 1967–Oct. 1968; Helen G. Nassif, reporter of decisions. 1968. xxxviii +141 p. 1 pl. * Cloth, $2.50. ● Item 733
L.C. card 11-35722 Ju 7.5:55/1

4120 —— v. 55, Patent cases adjudged in Court of Customs and Patent Appeals, Oct. 1967–Oct. 1968; Helen G. Nassif, reporter of decisions. 1968. xxxviii +701–1566 p. 1 pl. * Cloth, $5.00. ● Item 733
L.C. card 11-35722 Ju 7.5:55/2

CUSTOMS BUREAU, Treasury Dept.
Washington, DC 20226

4121 Automobiles imported into United States. [1969.] [12] p. il. narrow 8°. * Paper, $6.75 per 100; single copy 15c. ● Item 950 T 17.2:Au 8/969

DEFENSE DEPARTMENT
Washington, DC 20301

Cataloging handbook H (series). (Defense Supply Agency, Defense Logistics Services Center.) [Issued with perforations.]

4122 4–2. Federal supply code for manufacturers, United States and Canada: Code to name; prepared by Directorate of Cataloging. Oct. 1968. vi+80+471+[2] p. 4° ([Army Dept. supply bulletin SB 708–42.]) [Supersedes Oct. 1967 edition and supplements thereto, and SB 708–42, Oct. 1967, including C10, Sept. 1968 supplement.] * Paper, $10.00 (including basic handbook and cumulative supplements); $2.50 additional for foreign mailing. ● Item 314–A
L.C. card 53-60847 D 7.6/2:4–2/9

Cataloging manual M (series).

4123 1–1. Federal manual for supply cataloging: chap. 1. Alphabetic index, chap. 1–9. Jan. 1969. cover title, [149] p. 4° (AR–708–11; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, $1.50. ● Item 314–A D 7.6/3:1–1

Defense Supply Agency handbook DSAH (series). ● Item 314–A
D 7.6/7:(nos.)

4124 4215.29. Industrial plant equipment handbook: FSA 3610, 5820, 6710, 6720, 6730, 6740, 6760, 6780, Photo-copying and photographic equipment. Jan. 1969. cover title, v+168 p. 4° (SB 708–6700.1; [Navy Dept.] NAVSUP Pub. 5528; [Air Force Dept.] AFM 78–32; [Marine Corps] MCO P4870. 34A.) [Issued in looseleaf form.] Supersedes DSAH 4215. 29, SB 708–6700.1, NAVSUP Pub 5528, AFM 78–32, MCO P 4870.34, Dec. 1966. * Paper, $1.50.

4125 5025.2. DSA field establishment directory. Jan. 1969. cover title, v+36 p. 4° ([Air Force Dept.] AFR 67–14.) [Issued in looseleaf form. Supersedes DSAH 5025.2, July 1968.] * Paper, 55c.

Defense Supply Agency manual DSAM (series).

4126 7000.1. Accounting and finance manual. Change 21. Dec. 23, 1968. [105] p. 4° [Issued in looseleaf form.] ‡ ● Item 314–A D 7.6/8:7000.1/ch.21

4127 Department of Defense in-house value engineering conference proceedings: v. 2, Role of value engineering in support of defense management objectives, Washington, D.C., Sept. 12–14, 1967. cover title, [849] p. il. 4° † D 1.2:V 24/v.2

4128 Federal item identification guide: [Insulation, thermal, May 19, 1967], Change 1. Oct. 4, 1968. [12] p. 4° (FIIG AO16; Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 10c. ● Item 314–A D 7.6/4:In 7/ch.1

4129 —— Junction boxes. Dec. 20, 1968. cover title, [85] p. il. 4° (FIIG AO61; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, $1.00. ● Item 314–A
D 7.6/4:J 95

4130 —— Lens, lighting. Dec. 20, 1968. cover title, [61] p. il. 4° (FIIG AO75, Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 70c. ● Item 314–A
D 7.6/4:L 54

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

4131 Federal item identification guide: Valves, general purpose, and drain cocks. Dec. 27, 1968. cover title, [87] p. il. 4° (FIIG A046; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, $1.00. ● Item 314-A D 7.6/4: V 24

Military standard MIL STD (series). [Issued with perforations.] ‡ ● Item 314-J D 7-10: (nos.)

4132 200J. Electron tubes, selection of. Nov. 22, 1968 [published 1969.] iii+39 p. 4° (FSC 5960.) [Supersedes MIL-STD-200H, Jan. 17, 1966.]

4133 461A. Electromagnetic interference characteristics requirements for equipment. Aug. 1, 1968. vi.+74 p. il. 4° [Supersedes various Military standards and specifications.]

4134 859A. Standard calibration table for aeronautical pressure measuring equipment. Nov. 13, 1968. iii+7+[2] p. 4° (FSC MISC.) [Supersedes MIL-STD 859, Nov. 22, 1966.]

4135 881. Work breakdown structures for defense materiel items. Nov. 1, 1968. v +99 p. il. 4° (FSC MISC.)

4136 1214. Esters and metal organics, technical grade. Dec. 20, 1968. x+46 p. 4° (FSC 6810.)

4137 1439. Thickened hydrocarbon flame fuels, consistency of, mobilometer test. Nov. 5, 1968. iii+5 p. 4° (FSC 1365.) [Supersedes JAN-I-711, Dec. 16, 1948.]

4138 MILSCAP, military standard contract administration procedures, Change 6; Nov. 1968. [1968.] [12] p. 4° (DoD 4105.63-M; Office of Assistant Secretary of Defense, Installations and Logistics.) [Issued in looseleaf form.] * Paper, 15c. ● Item 314-A D 7.6/4: M 59/3/ch.6

4139 MILSCAP, military standard contract administration procedures, Change 7; Jan. 1969. [1969.] [83] p. 4° (DoD) 4105.63-M; Office of Assistant Secretary of Defense, Installations and Logistics.) [Issued in looseleaf form.] ‡ ● Item 314-A D 7.6/4: M 59/3/ch.7

4140 MILSTRIP, Military assistance program address directory, supp. 2, Change 1A; Dec. 1968. [1968.] [15] p. 4° (DoD 4140.17-M.) [Issued looseleaf form. Supersedes corresponding pages of Change 1, dated Jan. 1, 1969.] * Paper, 15c. ● Item 314-A D 7.6/4: M 59/supp.2/rev.2/ch.1 A

4141 MILSTRIP, Military assistance program address directory, supp. 2, Change 1B; Jan. 1960. [1969.] [21] p. 4° (DoD 4140.17-M.) [Issued in looseleaf form.] * Paper, 20c. ● Item 314-A D 7.6/4: M 59/supp.2/rev.2/ch.1B

4142 MILSTRIP, military standard requisitioning & issue procedures, Change 21; Feb. 1969. [1969.] [107] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued in looseleaf form. Supersedes Interim changes 15-68 through 28-68.] * Paper, $1.00. ● Item 314-A D 7.6/4: M 59/ch.21

4143 MILSTRIP, requisition fund codes, supp. 3, Change 2; Feb. 1969. [1969.] [46] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations & Logistics).) [Issued in looseleaf form.] * Paper, 45c. ● Item 314-A D 7.6/4: M 59/supp.3/ch.2

Shock and vibration bulletin, publication of Shock and Vibration Information Center, Naval Research Laboratory, Washington, D.C. (Office of Director of Defense, Research and Engineering.) ‡ ● Item 310-A D 4.12: 38/pt. (nos.)

4144 38, pt. 2. [38th Symposium on Shock, Vibration and Associated Environments, St. Louis, Mo., May 1-2, 1968, papers; with bibliographies.] Aug. 1968. vii+298 p. il. 4° ‡

4145 38, pt. 3. [38th Symposium on Shock, Vibration and Associated Environments, St. Louis, Mo., May 1-2, 1968, papers; with bibliographies.] Nov. 1968. vii+338 p. il. 4°

4146 Statement of Secretary of Defense Clark M. Clifford, fiscal year 1970-74 defense program and 1970 defense budget. [Jan. 15, 1969.] [1]+vii+165 p. 4° [Title on cover is: 1970 defense budget and defense program for fiscal years 1970-74, statement by Secretary of Defense Clark M. Clifford.] * Paper, $1.75. ● Item 306 D 1.2: B 85/970-74

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4147 USAFI bulletin 4; Dec. 1968. [1969.] cover title, [50] p. 4° (United States Armed Forces Institute.) [Issued with perforations.] ‡
D 1.10/3 : 968/no. 4

DISTRICT OF COLUMBIA
Washington, DC 20004

4148 55th annual report of Public Service Commission of District of Columbia, [calendar year] 1967. [1968.] vii+51 p. † ● Item 430-A-2
L.C. card 14-30633 DC 43.1 : 967

4149 List of legal investments for trust funds in District of Columbia, as of Jan. 1, 1969. [1969.] ii+69 p. [Semiannual.] † Office of Register of Wills and Clerk of Probate Court, Washington, D.C. ● Item 430-A
L.C. card 41-7391 DC 21.9 : 969

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept.
Washington, DC 20230

4150 1968 progress report of Economic Development Administration. [Dec. 1968, published 1969.] cover title, 128 p. il. 4° * Paper, $1.25. ● Item 130-F
C 46.1 : 968

ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President, Washington, DC 20506

JCH (series).

4151 191. Job Corps centers tables of allowances. Revised Jan. 1969. [1969.] cover title, [211] p. 4° [Issued in looseleaf form.] † ● Item 857-H-1
PrEx 10.10 : 191

OEO training manuals. † ● Item 857-H-2 PrEx 10.8/4 : (nos.)

4152 6321-1. PERT for CAA planning, programmed course of instruction in PERT, v. 1; [by staff of Policy Management Systems, Inc.]. Jan. 1969. cover title, [168] p. il. 4° (Community Action Program; OPR; Systems & Analysis Div.)

4153 6321-2. PERT for CAA planning, programmed course of instruction in PERT, v. 2; [by staff of Policy Management Systems, Inc.]. Jan. 1969. cover title, [160] p. il. 4° (Community Action Program; OPR, Systems & Analysis Div.)

ECONOMIC RESEARCH SERVICE, Agriculture Dept.
Washington, DC 20250

Agricultural economic report.

4154 153. Urea consumed by cattle on feed, feeding year 1965-66; [by George C. Allen, Ronald L. Mighell, and Barbara G. Hobson]. [Jan. 1969.] ii+16 p. il. 4° * Paper, 20c. ● Item 42-C
A 93.28 : 153

4155 1969 agricultural finance outlook; [prepared by Farm Production Economics Division]. [1969.] 34+[1] p. il. 4° (AFO-8) † ● Item 42-D
A 93.9/8 : 8

ERS (series).

4156 390. Partitioning financial returns, application to growth of farm firms; [by Don Bostwick]. [Jan. 1969.] iv+35 p. il. 4° † ● Item 42-I
A 93.21 : 390

ERS-foreign (series). † ● Item 76-G A 93.21/2 : (nos.)

4157 244. Agricultural economy and trade of Denmark [with list of selected references; by Marshall H. Cohen]. [Nov. 1968.] iv+18 p. 4° (Foreign Regional Analysis Division.) [Text on p. 2 of cover.]
L.C. card Agr 68-345

4158 247. European Economic Community: Agricultural trade statistics, 1961-67. [Feb. 1969.] [141] p. oblong 8° ([Trade Statistics and Analysis Branch, Foreign Development and Trade Division.]) [Map on p. 2 of cover.]
L.C. card Agr 68-359

4159 U.S. foreign agricultural trade by commodities, fiscal year 1968. Jan. 1969. [3]+42 p. 4° [Supplement to monthly Foreign agricultural trade of United States.] † ● Item 42-E
L.C. card 59-61781 A 93.17/8 : 968

334-546—69—No. 890——4

EDUCATION OFFICE, Health, Education, and Welfare Dept.
Washington, DC 20202

4160 Adult basic education, bibliography from Educational Materials Center; compiled by Lois B. Watt [and] Sidney E. Murphy. Sept. 1968. [3] leaves +14 p. 4° (OE-14031-41; Bureau of Research.) * Paper, 30c. ● Item 460-A-14
L.C. card HEW 68-157 FS 5.214 : 14031-41

4161 Automotive body repairman (D.O.T. occupational code 807-381, automobile body repairman), suggested guide for training course [with suggested list of textbooks and references]. [1968, published 1969]. iii+17 p. il. 4° (OE-87035.) [Prepared under contract with Oklahoma State University.] * Paper, 30c. ● Item 460-A-87 FS 5.287 : 87035

4162 Bond sales for public school purposes, 1967-68; by Richard H. Barr. Jan. 1969. 8 p. il. 4° (OE-22009-68; National Center for Educational Statistics, Elementary-Secondary Studies Branch.) * Paper, 10c. ● Item 460-A-22 FS 5.222 : 22009-68

4163 Competency based, field centered, systems approach to elementary teacher education, final report: v. 1, Overview and specifications; editors, H. Del Schalock, James R. Hale. Oct. 1968. cover title, [683] p. il. 4° (OE-58020; Bureau of Research.) [Project 89022, contract OEC-0-8-089022-3318 (010); Northwest Regional Educational Laboratory, Portland, Oreg.] * Paper, $6.50. ● Item 460-A-58 FS 5.258 : 58020

4164 Current expenditures by local educational agencies for free public and secondary education, 1966-67; by Richard H. Barr. Dec. 1968. 4 p. il. 4° (OE-22026; Elementary and Secondary Education, National Center for Educational Statistics.) * Paper, 10c. ● Item 460-A-22
L.C. card HEW 68-156 FS 5.222 : 22026

4165 Earned degrees conferred 1966-67: pt. B, Institutional data; by Marjorie O. Chandler. [1969.] viii+186 p. il. 4° (OE-54013-67-B; National Center for Educational Statistics.) * Paper, $1.75. ● Item 460-A-54
FS 5.254 : 54013-67-B

4166 Education directory, 1967-68; pt. 3, Higher education. [1968.] cover title, [2]+289 p. ([OE-50000-68.]) [Text on p. 2 and 4 of cover.] * Paper, $1.50 ● Item 460 & 460-A-50
L.C. card E13-213 FS 5.25 : 967-68/pt.3

4167 Education professions development act, programs for 1969-70 institutes, Summer/part-time academic year fellowships. [Feb. 1969.] [2]+91 p. 4° ([OE-58027; Bureau of Educational Personnel Development.]) † ● Item 460-A-58
L.C. card HEW 68-155 FS 5.258 : 58027

4168 Electronics assembler (D.O.T. occupational code 726.781), suggested guide for training course [with Suggested list of textbooks and references]. [1969.] iii+13 p. 4° (OE-87032; Bureau of Adult, Vocational, and Library Programs, Manpower Development and Training Program.) [Includes suggested lists of films, equipment, and expendable materials.] * Paper, 30c. ● Item 460-A-87 FS 5.287 : 87032

4169 Financial statistics of institutions of higher education: Current funds revenues and expenditures, 1965-66; by Paul F. Mertins. [Jan. 1969.] vi+71 p. 4° (OE-52010-66; National Center for Educational Statistics.) [Highlights on p. 2 of cover.] * Paper, 70c. ● Item 460-A-52
FS 5.252 : 52010-66

4170 Financial statistics of institutions of higher education, student financial aid, 1965-66; by Paul F. Mertins. [1969.] vi+63 p. 4° (OE-52011-66; National Center for Educational Statistics.) * Paper, 65c. ● Item 460-A-52. FS 5.252 : 52011-66

4171 Forest technology, suggested 2-year post high school curriculum [with bibliographies]. [1968.] viii+142 p. il. 4° (OE-80054.) * Paper, $1.25. ● Item 460-A-80
L.C. card HEW 68-152 FS 5.280 : 80054

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4172 Georgia educational model specifications for preparation of elementary teachers, final report. Oct. 1968. xi+290 p. il. 4° (OE-58019; Bureau of Research.) [Project 8-9024, contract OEC-0-8-089024-3311(010); University of Georgia Athens, Ga.] * Paper, $3.50. ● Item 460-A-58
FS 5.258:58019

4173 Graduate fellowship program in educational research. [Oct. 1968.] vi+66 p. il. 4° (OE-55052; Bureau of Research.) * Paper, 65c. ● Item 460-A-55
L.C. card HEW-68-147 FS 5.255:55052

4174 Higher education amendments of 1968; [by Preston Valien]. [1969.] [4] p. large 4° ([OE-50056.]) * Paper, 10c. ● Item 460-A-50
FS 5.250:50056

4175 Higher education, basic student charges, 1966-67. [1968.] [3] p. 4° ([OE-52005-67]; National Center for Educational Statistics.) * Paper, 10c. ● Item 460-A-52 FS 5.252:52005-67

4176 Higher education reports for information of participants in Bureau of Higher Education programs. Jan. 28, 1969. 7 p. 4° (Bureau of Higher Education.) † ● Item 462-A FS 5.81:969

4177 How to use ERIC, Educational Resources Information Center. [1968.] cover title, 12 p. il. oblong 12° ([OE-12037-A.]) * Paper, 30c. ● Item 460-A-12 FS 5.212:12037-A

4178 Metallurgical technology, suggested 2-year post high school curriculum [with bibliography; prepared by Walter J. Brooking, assisted by Alexander C. Ducat]. [Nov. 1968.] vi+113 p. il. 4° (OE-81012; Technical education program series no. 10.) * Paper, $1.25. ● Item 460-A-81 FS 5.281:81012

4179 National defense graduate felowships, graduate programs 1969-70. [1969.] vii+52 p. 4° ([OE-55017-69-2.]) † ● Item 460-A-55
L.C. card HEW 61-25 FS 5.255:55017-69-2

4180 People who serve education, report on state of education professions, by Harold Howe II, U.S. Commissioner of Education. [1969.] [3]+20 p. 4° (OE-10059.) * Paper, 30c. ● Item 460-A-10
L.C. card HEW 68-146 FS 5.210:10059

4181 Preprimary enrollment of children under 6, Oct. 1967; by Diane B. Gertler. [1968.] iv+20 p. 4° (OE 20113; National Center for Educational Statistics.) [Text on p. 2 of cover.] * Paper, 30c. ● Item 460-A-20
L.C. card HEW 68-148 FS 5.220:20113

4182 Refrigeration mechanic (D.O.T. occupational code 637.281), suggested guide for training course [with list of suggested textbooks and reference books]. [1968.] iii+10 p. il. 4° (OE-87034.) [Prepared under contract by Instructional Materials Laboratory, Trade and Industrial Education, Ohio State University.] * Paper, 25c. ● Item 460-A-87
FS 5.287:87034

4183 Research reports, progress in American education. [1969.] [16] p. il. 4° ([OE-10058.]) [Reprints from American education, 1967/1968.] † ● Item 960-A-10 FS 5.210:10058

4184 Review of research and development centers supported by Office of Education [articles, with bibliographies]. [1969.] cover title, [5]+16-169+190-202 p. 4° ([OE-12040.]) [There are no pages numbered 1-15 and 170-189; but no text is missing.] † ● Item 460-A-12
L.C. card HEW 68-150 FS 5.212:12040

4185 School continues for pregnant teenagers; by Marion Howard. [1969.] [4] p. il. large 4° ([OE-20115.]) * Paper, 10c. ● Item 460-A-20
FS 5.220:20115

4186 Students enrolled for advanced degrees, Fall 1966; by Marjorie O. Chandler. [1968, published 1969.] viii+189 p. 4° ([OE-54019-66]; National Center for Educational Statistics.) * Paper, $2.00. FS 5.254:54019-66

*For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

4187 [This entry number not used.]

4188 Training for leadership, new career development program in Office of Education. [Mar. 1968.] [1968.] [7] p. ([OE-11007-A.]) †
FS 5.211 : 11007-A

4189 U.S. Office of Education support for the arts and the humanities. Dec. 1968 [published 1969]. cover title, [1]+20 p. 4° ([OE-33049; Bureau of Research.]) † ● Item 460-A-33
L.C. card HEW 68-151 FS 5.233 : 33049

4190 Vending machine repairman (D.O.T. occupational code 639.381), suggested guide for training course [with list of suggested references and textbooks]. [Dec. 1968.] iii+16 p. il. 4° (OE-87033.) [Prepared under contract by Ohio State University.] * Paper, 30c. ● Item 460-A-87
FS 5.287 : 87033

EMERGENCY BOARDS (under sec. 10, Railway labor act)
Washington, DC 20572

4191 Report to the President by Emergency Board 172, appointed by Executive order 11433 dated Nov. 6, 1968, pursuant to sec. 10 of Railway labor act, as amended, to investigate disputes between Illinois Central Railroad Company, Louisville & Nashville Railroad Company, and Belt Railway Company of Chicago, and certain of their employees represented by Brotherhood of Railroad Trainmen (NMB cases A-7521, A-7521 sub-1, A-7538, A-7538 sub-1, A-7566, A-7566 sub-1, A-7567, and A-7567 sub-1.) Dec. 13, 1968 [published 1969]. iii+18 p. † ● Item 833
L.C. card A 68-7970 NMB 1.7 : 172

EMPLOYMENT COMPENSATION BUREAU, Labor Dept.
Washington, DC 20210

4192 Benefits for law enforcement officers, facts about compensation for non-Federal law enforcement officers. Sept. 1968. [6] p. narrow 8° (Pam. BEC-688.) † ● Item 750 L 26.2 : L 41

4193 Work injuries under District of Columbia Workmen's Compensation Act. Nov. 1968 [published 1969]. [4] p. il. narrow 8° (Pam. BEC-693.) * Paper, 5c. ● Item 750 L 26.2 : In 5/5

EMPLOYMENT SECURITY BUREAU, Labor Dept.
Washington, DC 20210

4194 Black capitalism in the ghetto; by Howard J. Samuels. [1969.] 4 p. il. 4° [Reprinted from Employment service review, Oct.-Nov. 1968.] †
L 7.18/2 a : B 56

4195 Disadvantaged young men prepare for well-paying careers in maritime fleet, shipping lines, union, and U.S. Department of Labor unite in intensive training program for cooks, bakers, and butchers; [by] Joe Kirkbride. [1969.] 4 p. il. 4° [Reprinted from Employment service review, Oct.-Nov. 1968.] † L 7.18/2 a : M 33

4196 HRD employability model [guidelines for change; by William E. Amos]. [1969.] [7] p. 4° [Reprinted from Employment service review, Oct.-Nov. 1968.] † L 7.18/2 a : Em 7

4197 Information about jobs overseas, questions and answers. [1968.] [6] p. il. narrow 8° † L 7.2 : J 57/16/968

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, DC 20310, Attention Publications Office.

Coastal Engineering Research Center: Technical memorandum.

4198 25. Tsunami of Alaskan earthquake, 1964, engineering evaluation [with list of literature cited]; by Basil W. Wilson and Alf Trum. May 1968. xxi+401+

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

[48] p.+[2] leaves il. 4° † Coastal Engineering Research Center, 5201 Little Falls Road NW., Washington, DC 20016.
L.C. card 77-600760 D 103.42 : 25

4199 Flood hazard in Agua Fria River drainage area, Maricopa County, Ariz. Mar. 1968. [2] p. il. narrow f°, folded into narrow 8° size. [Prepared from data in Flood plain information, Agua Fria River, Maricopa County, Ariz.] † D 103.47/2 : M 33

4200 Flood plain information: Agua Fria River, Maricopa County, Ariz. Mar. 1968. cover title, v+31 p. il. 32 pl. 4° [Some plates are colored.] † D 103.47 : M 33

4201 —— Arroyo de los Chamisos and Arroyo Hondo, Santa Fe, N. Mex. Dec. 1967. cover title, [4]+ii+34 p. il. 20 pl. 4° † D 103.47 : Sa 5

4202 —— Black River, Town and Mansker Creeks, Pocahontas, Ark. Feb. 1968. cover title, [4]+ii+48+[5] p. il. 15 pl. 4° † D 103.47 : P 75

4203 —— Dickinson Bayou, Dickinson, Tex. Feb. 1968. cover title, [3]+ii+33+[3] p. il. 22 pl. 4° † D 103.47 : D 56

4204 —— Mill Creek, Fort Smith, Ark. Mar. 1968. cover title, a-b+ii+35 p. il. 10 pl. 4° † D 103.47 : F 77s

4205 —— South Fork Forked Deer River and Sugar Creek, Henderson, Tenn. Jan. 1968. cover title, [4]+ii+47+[1] p. il. 9 pl. 4° [Some plates are colored.] † D 103.47 : H 38

4206 Floods in Dickinson Bayou, Dickinson, Tex., how to avoid damage. Feb. 1968. [2] p. il. narrow f°, folded into narrow 8° size. [Prepared from data in Flood plain information, Dickinson Bayou in vicinity of Dickinson, Tex.] † D 103.47/2 : D 56

4207 Floods in Fort Smith, Ark., Mill Creek, how to avoid damage. Mar. 1968. [2] p. il. narrow f°, folded into narrow 8° size. [Prepared from data in Flood plain information, Mill Creek, Fort Smith, Ark.] † D 103.47/2 : F 77s

4208 Floods in Henderson, Tenn., how to avoid damage. Jan. 1968. [2] p. il. narrow f°, folded into narrow 8° size. [Prepared from data in Flood plain information, South Fork Forked Deer River and Sugar Creek, Henderson, Tenn.] † D 103.47/2 : H 38

4209 Floods in Pocahontas, Ark., how to avoid damage. Feb. 1968. [2] p .il. narrow f°, folded into narrow 8° size. [Prepared from data in Flood plain information, Black River, Town and Mansker Creeks, Pocahontas, Ark.] † D 103.47/2 : P 75

4210 Floods in Santa Fe, N. Mex., Arroyo de los Chamisos & Arroyo Hondo, how to avoid damage. Dec. 1967. [2] p. il. f°, folded into narrow 8° size. [Prepared from data in flood plain information, Arroyo de los Chamisos and Arroyo Hondo, Santa Fe, N. Mex.] † D 103.47/2 : Sa 5

4211 Ozark Lock and Dam, and lock and dam no. 9, Arkansas River, Ark., letter from chief of engineers, Army, submitting report on review of reports: Oct. 10, 1968. 1968. xxvi+188 p. il. 6 pl. 6 tabs, 4° [Also issued as S. doc. 111, 90th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : Oz 1

4212 St. Francis River, Mo. and Ark., with reference to flood control on Belle Fountain Ditch and tributaries, Mo., and with Drainage District no. 17 of Mississippi County, Ark., letter from chief of engineers, submitting report on review of report; June 27, 1968. 1968. xxii+89 p. 3 pl. 4° [Also issued as H. doc. 339, 90th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : Sa 2 f/3

4213 Trinity River and tributaries, Tex., letter from chief of engineers, Army, with report of district and division engineers on re-evaluation of navigation features of project for Trinity River, Tex.; July 18, 1968. 1968. vi+628 p. il. 5 pl. 4° [Also issued as H. doc. 364, 90th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : T 73/3/968

Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

Waterways Experiment Station : Miscellaneous paper.

4214 H-68-5. Boundary effects of uniform size roughness elements in two-dimensional flow in open channels [with list of literature cited] ; by B. J. Brown, Y. H. Chu. Army-MRC, Vicksburg, Miss. Dec. 1968. xiii+21+[48] p. il. 4° [Sponsored by Assistant Secretary of Army (R&D), Department of Army ; project 1L013001A91A, item L.]
D 103.24/4 : H-68-5

—— Technical report.

4215 H-68-1. Prototype measurements of hydro-power plant transients, Garrison and Oahe Dams, Missouri River, North and South Dakota [with list of literature cited] ; by E. B. Pickett. Army-MRC, Vicksburg, Miss., Nov. 1968. xi+60+[64] p. il. 4° [Sponsored by U.S. Army Engineer District, Omaha.]
D 103.24/2 : H-68-1

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20235

ESSA technical report. (ESSA Research Laboratories ; Institute for Telecommunication Sciences, Boulder, Colo.)

4216 ERL 91-ITS 70. Analysis and synthesis of monopulse with discrete elements [with list of references ; by] C. C. Pang, M. T. Ma. Nov. 1968. v+59 p. il. 4° * Paper, 65c. ● Item 208-B-7
C 52.15 : ERL 91-ITS 70

ESSA technical report. (ESSA Research Laboratories ; Space Disturbances Laboratory, Boulder, Colo.)

4217 ERL 92-SDL 6. Analysis of sudden ionospheric disturbances associated with proton flare of 1522 UT, Aug. 28, 1966 [with list of references ; by] Richard F. Donnelly. Nov. 1968. iv+31 p. il. 4° * Paper, 40c. ● Item 208-B-7 C 52.15 : ERL 92-SDL 6

4218 Federal plan for meteorological services and supporting research, fiscal year 1970. [1969.] cover title, 64 p. il. oblong 12° ([ESSA-DC-A-5270] ; Office of Federal Coordinator for Meteorological Services and Supporting Research.) [Includes list of publications covering broad spectrum of meteorological programs in Federal Government.] * Paper, 65c. ● Item 208-B-4
L.C. card 72-600740 C 52.17 : 970

Probability of vertical penetrable optical path for high intensity, high contrast optical targets ; [by R. G. Quayle, J. M. Meserve, H. L. Crutcher]. [Prepared by National Weather Records Center, Environmental Data Service Asheville, N.C., under project 66-95116 for Atmospheric Sciences Laboratory, Army Electronics Command, Fort Monmouth, N.J.] ‡
C 52.2 : Op 7/v. (nos.)

4219 v. 1. Eurasia, pt. B. Maps. [1968.] cover title, [63] leaves, il. oblong large 8°
4220 v. 2. Africa, pt. B. Maps. [1968.] cover title, [22] leaves, il. oblong large 8°
4221 v. 3. South and Central America, Carribbean area, Australia, New Zealand, New Guinea, Philippines, and Indonesian Archipelago, pt. B, Maps. [1968.] cover title, [34] leaves, il. oblong large 8°
4222 v. 4. North America, pt. B, Maps. [1968.] cover title, [23] leaves, il. oblong large 8°

4223 [This entry number not used.]

WB/BC-(series).

4224 95. Annotated bibliography on climate of Nepal (includes climatic maps) ; by Annie E. Grimes. Silver Spring, Md., Sept. 1967. cover title, vii+34 p. il. 4° (Environmental Data Service.) †
L.C. card 79-600861 C 52.21 : 95

World Data Center A : Upper Atmosphere Geophysics, report UAG (series). (Environmental Data Service.) * Paper, $9.00 a yr., $2.50 additional for foreign mailing ; single copies vary in price.

4225 4. Abbreviated calendar record, 1966-67 ; [by] J. Virginia Lincoln, Hope I. Leighton, and Dorothy K. Kropp. 1969. [2]+170 p. il. 4° [Prepared by Research Laboratories, ESSA, Boulder, Colo. Dec. 1968 appears on cover.] * Paper, $1.25. C 52.16/2 : 4

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

EQUAL EMPLOYMENT OPPORTUNITY COMMISSION
Washington, DC 20506

Equal employment opportunity report no. 1: Job patterns for minorities and women in private industry, 1966. [1968.] * Paper, $13.25 per set of 3 parts. ● Item 1059-A-1 Y 3.Eq 2: 12/1/pts.1-3

4226 pt. 1. [436] p. il. 4°
pt. 2. xvii+604 p. 4°
pt. 3. xvii+481 p. 4°
L.C. card 76-600741

4227 Message to employers. [1969.] [5] p. narrow 12° † ● Item 1059-A-1 Y 3.Eq 2: 2 Em 7/2

EXECUTIVE, LEGISLATIVE, AND JUDICIAL SALARIES COMMISSION

NOTE.—The Commission on Executive, Legislative and Judicial Salaries was established by Public law 90-206, approved Dec. 16, 1967.

4228 Report of Commission on Executive, Legislative, and Judicial Salaries. Dec. 1968. vii+78 p. † Pay Policies Section, Bureau of Policies and Standards, Civil Service Commission, Washington, DC 20415 ● Item 1089
L.C. card 75-600694 Y 3.Ex 3/3: 1/968

FARMERS HOME ADMINISTRATION, Agriculture Dept.
Washington, DC 20250

4229 Rural housing loans. Sept. 1968. 4 p. 4° † A 84.2: L 78/12

FEDERAL AVIATION ADMINISTRATION, Transportation Dept.
Washington, DC 20553

4230 Acceptable methods, techniques, and practices: Aircraft inspection and repair, Change 5 [effective Aug. 6-Sept. 20, 1968]. [1969.] [88] p. il. 4° (Advisory circular AC 43.13-1 Chg. 5.) [Issued in looseleaf form.] * Paper, $3.00 (including basic book and supplementary material for an indefinite period); $1.00 additional for foreign mailing. ● Item 431-F-7 FAA 5.15: 965/ch.5

4231 Collision avoidance, bibliography, 1955-Apr. 1967; [compiled by Dorothy E. Bulford]. May 1967. cover title, [1]+iii+66 p. 4° (NAFEC Library, National Aviation Facilities Experimental Center, Atlantic City, N.J.) ‡
L.C. card 77-600858 TD 4.17/5: C 69/955-67

4232 [This entry number not used.]

Federal aviation regulations. [Issued in looseleaf form.] ● Item 431-C-13

4233 pt. 1. Definitions and abbreviations; effective date May 15, 1962. [1968.] cover title, [36] p. 4° [Consolidated reprint incorporates Changes 1-15.] * Paper, 45c. TD 4.6: 1/rep.

4234 pt. 11. General rule-making procedures, Change 9 [effective] Nov. 22, 1968. [1969.] [6] p. 4° [Incorporates amendments 11-10.] † FAA 1.6/8: 11/ch.9

4235 pt. 25. Airworthiness standards: Transport category airplanes, Change 18 [effective] Nov. 16, 1968. [1969.] [10] p. 4° [Incorporates amendment 25-19.] † TD 4.6: 25/ch.18

4236 pt. 63. Certification: Flight crew members other than pilots, Change 10 [effective] Jan. 17, 1969. [1969.] [14] p. 4° [Incorporates amendment 63-9. Last page intentionally left blank.] † TD 4.6: 63/ch.10

4237 pt. 77. Objects affecting navigable airspace, Change 6 [effective] Nov. 30, 1968. [1969.] [8] p. 4° [Incorporates amendment 7-77. Last page intentionally left blank.] † TD 4.6: 77/ch.6

4238 pt. 77. Objects affecting navigable airspace, Change 7 [effective] Feb. 1, 1969. [1969.] [10] p. 4° [Incorporates amendment 77-8.] † TD 4.6: 77/ch.7

4239 pt. 91. General operating and flight rules, Change 37 [effective] Nov. 29, 1968. [1969.] [8] p. 4° [Incorporates amendment 91-62.] † TD 4.6: 91/ch.37

4240 pt. 93. Special air traffic rules and airport traffic patterns, Change 14 [effective] Apr. 27, 1969. [1969.] [14] p. 4° [Incorporates amendment 93-13.] † FAA 1.6/8: 93/ch.14

Federal aviation regulations—Continued

4241 pt. 103. Transportation of dangerous articles and magnetized materials, Change 5 [effective] Dec. 31 [and] Nov. 16, 1968. [1969.] [11] p. 4° [Incorporates amendment 103-4.] † TD 4.6 : 103/ch.5

4242 pt. 141. Pilot schools [effective] Sept. 11, 1968. [1969.] [8] p. 4° [Incorporates amendment 141-1.] † TD 4.6 : 141/ch.7

4243 pt. 149. Parachute lofts. [1968.] cover title, iii+P2+3 p. 4° [Consolidated reprint incorporates Change 1.] * Paper, 25c. TD 4.6 : 149

4244 pt. 151. Federal aid to airports, Change 24 [effective] Jan. 11, 1969 [1969.] [6] p. 4° [Incorporates amendment 151-26.] † TD 4.6 : 151/ch.24

4245 pt. 153. Acquisition of U.S. land for public airports, Change 3 [effective] Oct. 17, 1968. [1969.] [12] p. 4° [Incorporates amendment 153-3.] † TD 4.6 : 153/ch.3

4246 pt. 159. National Capital airports, Change 10 [effective Oct. 11, 1968. [1969.] [7] p. 4° [Incorporates amendment 159-10.] † FAA 1.6/8 : 159/ch.10

4247 pt. 159. National Capital airports. Change 11 effective] Jan. 10, 1969. [1969.] [20] p. 4° [Incorporates amendment 159-11.] † FAA 1.6/8 : 159/ch.11

Handbooks.

4248 3300.6A. Equal opportunity in FAA employment. [Dec. 12, 1968 published 1969.] cover title, [77] p. 4° [Cancels orders CS 3300.1, 3300.6, PT 3300.6, 3300.10, 3300.13. Issued in looseleaf form.] † ● Item 431-C-4 TD 4.8/2 : 3300.6A

4248A SM P 6760.1. Maintenance of L/MF range equipment [change] 1. [Oct. 24, 1968.] [27] p. 4° [Cancellation data Apr. 1, 1969. Cancels publications AF P 6760.7, Nov. 1, 1957, and AF P 6760.8, Mar. 1, 1962. Issued in looseleaf form.] ‡ ● Item 431-C-4 FAA 1.8/2 : SM P 6760.1/ch.1

4249 Washington National and Dulles International Airport forecasts, fiscal years 1968-74; [prepared by] Office of Policy Development. Feb. 1968. cover title, iv+33 p. il. 4° ‡ TD 4.2 : W 27/2

FEDERAL COUNCIL FOR SCIENCE AND TECHNOLOGY
Washington, DC 20506

Government patent policy study, final report; by Harbridge House, Inc., for Committee on Government Patent Policy. [1968.] ([Department of Commerce] contract 7-35087.) [Text on p. 2 of cover.] ● Item 1061-B L.C. card 73-600857 Y 3.F 31/16 : 2P 27/2/v.(nos.)

4250 v. 1. [3]+xiii+47+[10] p. il. 4° * Paper, 50c.
4251 v. 2-4. ix+79+[224] p. il. 4° * Paper, $2.25.

ICAS report. (Interdepartmental Committee for Atmospheric Sciences.)

4252 12. National atmospheric sciences program, fiscal year 1969. Jan. 1968. cover title, 62+[1] p. 4° † Y 3.F 31/16 : 12/12

FEDERAL HIGHWAY ADMINISTRATION, Transportation Dept.
Washington, DC 20591

4253 Cost of operating an automobile; [by E. M. Cope and L. L. Liston]. [Revised Jan. 1968.] [1968.] 9 p. 4° ‡ TD 2.2 : Au 8

4254 Handbook of highway safety design and operating practices, supplement 1. Nov. 1968. cover title, [23] p. il. oblong 12° (Public Roads Bureau.) [Issued with perforations.] * Paper, 35c. ● Item 982-G-2 TD 2.8 : H 53/supp.1

4255 Tables showing progress of Federal aid & allied highway programs, administered by Bureau of Public Roads, fiscal year 1967. [1968.] 31 p. 4° ‡ TD 2.2 : F 31/2

FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20411

4256 Area trends, supplement to FHA trends, sec. 203, Home mortgages insured by FHA, 2d quarter, 1968. [Jan. 7, 1969.] 8 p. 4° (RR : 250-M; Division of Research and Statistics, Statistics Section.) [Issued with perforations.] † HH 2.24/3 : 968/1

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4257 Guide for fastening surfacing materials in rehabilitation operations; prepared for Technical Studies Program of Federal Housing Administration by Small Homes Council-Building Research Council, University of Illinois at Urbana-Champaign. [1969.] vii+67 p. il. 4° (Office of Technical Standards.) † ● Item 589-A HH 2.6/6: Su 7

4258 State trends, supplement to FHA trends, sec. 203, Home mortgages insured by FHA, 2d quarter, 1968. [Jan. 7, 1969.] 8 p. 4° (RR: 250-S; Division of Research and Statistics, Statistics Section.) [Issued with perforations.] † HH 2.24/2: 968/1

FEDERAL MARITIME COMMISSION
Washington, DC 20573

FMC SP (series).

4259 69-2. Remarks of Commissioner George H. Hearn of Federal Maritime Commission at 9th annual Conference on Containerization, New York, N.Y., Jan. 28, 1969. [1969.] 8 p. 4° † FMC 1.9: 69-2

FEDERAL MEDIATION AND CONCILIATION SERVICE
Washington, DC 20427

4260 Missile Sites Labor Commission, 1961-67. [1969.] x+88 p. * Paper, 45c. ● Item 434
L.C. card 70-600718 FM 1.2: M 69

FEDERAL POWER COMMISSION
Washington, DC 20426

4261 Federal Power Commission annual report, fiscal year 1968. [1968.] vii+96 p. il. 4° [Also issued as H. doc. 17, 91st Congress, 1st session.] * Paper, $1.25. ● Item 435
L.C. card 21-27492 FP 1.1: 968

FPC S (series).

4262 192. Steam-electric plant construction cost and annual production expenses, twentieth annual supplement, 1967; [prepared by Bureau of Power.] Nov. 1968. iii+171 p. il. 4° * Paper, $1.75. ● Item 440
L.C. card 49-46428 FP 1.21: 192

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, $12.50 a year, $4.25 additional for foreign mailing; single copy, 25c.

4263 Colorado. Oct. 1968. [2]+15 p. 4° [Supersedes issue of Oct. 1967.] ● Item 437-A-5 FP 1.18: C 71/968
4264 Georgia. Nov. 1968. [2]+18 p. 4° [Supersedes issue of Nov. 1967.] ● Item 437-A-9 FP 1.18: G 29/968
4265 Hawaii. Dec. 1968. [2]+5 p. 4° [Supersedes issue of Oct. 1965.] ● Item 437-A-50 FP 1.18: H 31/968
4266 Maryland and District of Columbia. Nov. 1968. [2]+12 p. 4° [Supersedes issue of Nov. 1967.] ● Item 437-A-18 FP 1.18: M 36/968
4267 New Hampshire. Dec. 1968. [2]+8 p. 4° [Supersedes issue of Oct. 1967.] ● Item 437-A-27 FP 1.18: N 42 h/968
4268 North Carolina. Sept. 1968. [2]+26 p. 4° [Supersedes issue of Oct. 1967.] ● Item 437-A-31 FP 1.18: N 81 c/968
4269 Washington. Oct. 1968. [2]+19 p. 4° [Supersedes issue of Sept. 1967.] ● Item 437-A-45 FP 1.18: W 27/968

4270 Publication list, Jan. 1969. [1969.] [4] p. 4° † FP 1.26: 969

4271 Uniform system of accounts prescribed for natural gas companies (class A and B, C, and D) subject to provisions of Natural gas act, in effect on Sept. 1, 1968. [1968.] [261 p.] [Includes marginal index tabs on cardboard showing part numbers. Issued in looseleaf form.] * Paper, $1.75 (including basic manual and supplementary material for an indefinite period; 50c. additional for foreign mailing.) ● Item 439
L.C. card 40-26189 FP 1.7/2: 968

†For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

FEDERAL RAILROAD ADMINISTRATION, Transportation Dept.
Washington, DC 20591

4272 Joint labor-management program to improve operating practices, work rules, and employee compensation programs in railroad industry; [by] John L. Gable. Jan. 1968. [3]—45 leaves, il. 4° † TD 3.2 : L 11

4273 Locomotive inspection law, as amended Mar. 4, 1915, June 7, 1924, June 27, 1930, Apr. 22, 1940, May 27, 1947, Oct. 28, 1949, and Aug. 14, 1957, with rules and instructions established in conformity therewith for inspection and testing of locomotives other than steam. Oct. 1968. [1]+133 p. il. narrow 16° * Paper, 70c. ● Item 687
L.C. card 42-38424 TD 3.5 : L 81

FEDERAL REGISTER OFFICE, General Services Administration
Washington, DC 20408

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply pocket supplements as of Jan. 1, 1969 and any completely revised volumes issued in 1969 on a subscription basis at $150.00 a year, $40.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

4274 Code of Federal regulations: title 43 [Public lands, Interior], pts. 1000 to end, revised as of Jan. 1, 1969. [1969.] vi+649 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] * Paper, $2.75. ● Item 572
L.C. card 49-46198 GS 4.108 : 43/pt.1000-end/969

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS
Washington, DC 20551

4275 Balance of payments program, revised guidelines for banks and nonbank financial institutions. [1969.] [1]+12-20, 4° [Reprinted from Federal reserve bulletin, Jan. 1969.] † FR 1.3/a : B 182/2/969

4276 Federal Reserve Board publications. Dec. 1968. 4 p. 4° † FR 1.45 : 968-2

4277 Monetary restraint, borrowing, and capital spending by small local governments and State colleges in 1966; by John E. Petersen and Paul F. McGouldrick. [1968.] p. 953-982, 4° [Reprinted from Federal reserve bulletin, Dec. 1968.] † FR 1.3/a : M 746/29/966

Regulation (series). † FR 1.6 : (letters)

4278 K. Corporation doing foreign banking or other foreign financing under Federal Reserve act, amendment to regulation K, effective Jan. 7, 1969. [1969.] [2] p. [Title 12, Code of Federal regulations, pt. 211.8.]

4279 P. Minimum security devices and procedures for Federal reserve banks and State member banks, effective Jan. 13, 1969. [1969.] 10 p. 4° [Title 12, Code of Federal regulations, chap. 2, pt. 216.]

4280 Q. Payment of interest on deposits, amendment; effective Oct. 15, 1968. [1968.] 1 p.

4281 Revision of consumer credit statistics. [1968.] p. 983-1003, 4° [Reprinted from Federal reserve bulletin, Dec. 1968.] † FR 1.3/a : C 76/6

4282 Stabilization policy and employment, paper presented by Andrew F. Brimmer, member, Board of Governors of Federal System, before joint seminar of Department of Economics and Institute of Government and Public Affairs, University of California, Los Angeles, Calif., Jan. 10, 1969. 1969. [1]+20+[3] p. il. 4° † FR 1.23 : B 77/39

FEDERAL SUPPLY SERVICE, General Services Administration
Washington, DC 20405

4283 Federal specifications. ● Item 563 GS 2.8 :

NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.

—Complete information on the Index of Federal Specifications will be found in the Appendix in the February 1969 issue of the Monthly Catalog under Entry number 2969 and in the April 1968 issue under Entry number 5036.

Federal standards. [Issued with perforations.] † ● Item 563
GS 2.8/3:(nos.)

4284 53f. Paper, bond and writing, white and colored, cancellation; Nov. 20, 1968. 1968. 1 p. 4° [Federal standard 53, dated Nov. 21, 1962, cancelled.]

4285 135D. Card, guide, file, pressboard and card set, guide, file, pressboard, cancellation: Nov. 20, 1968. 1968. 1 p. 4° (FSC 7530.) [Federal standard 135D, Oct. 28, 1963, cancelled.]

4286 Inventory of automatic data processing equipment in United States Government, fiscal year 1968. [1969.] 241 p. il. 4° * Paper, $1.75. ● Item 853-B
L.C. card 70-600875 GS 2.15:968

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, DC 20242

4287 Agricultural utilization of sewage effluent and sludge, annotated bibliography; by James P. Law, jr. Jan. 1968. iv+89 p. (CWR-2.) * Paper, 45c. ● Item 607-C-1
L.C. card 70-600734 I 67 14:Ag 8

FLIGHT STANDARDS SERVICE, Transportation Dept., Washington, DC 20250

4288 Conference on fire safety measures for aircraft fuel systems, report of conference, Dec. 11-12, 1967 [with list of references]; by Engineering and Manufacturing Division. [1968.] cover title, ii+154+2+16 p. il. 4° ‡
L.C. card 68-61587 TD 4.402:F 51

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

FDA publication.

4289 59. Control of pesticide residues in foods, industry guidelines. [1969.] 8 p. il. narrow 8° * Paper, 10c. ● Item 475-B FS 13.111:59

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept., Washington, DC 20250

[Foreign Agricultural Service, miscellaneous] FAS-M (series).

4290 202. Grain developments in Common Market. Dec. 1968. ii+13 p. il. 4° †
● Item 76-G A 67.26:202

FOREIGN BROADCAST INFORMATION SERVICE

4291 Broadcasting stations of the world [corrected to] July 1, 1968: pt. 1, Amplitude modulation broadcasting stations, according to country and city. [22d edition.] [1968.] cover title, [1]+iii+226 p. 4° [Includes world time chart.] * Paper, $1.75. ● Item 856-B
L.C. card 47-32798 PrEx 7.9:968/pt.1

4292 —— pt. 2, Amplitude modulation broadcasting stations according to frequency. [22d edition.] [1969.] cover title, [1]+iii+230 p. 4° [Includes world time chart.] * Paper, $1.75. ● Item 856-B
L.C. card 47-32798 PrEx 7.9:968/pt.2

4293 —— pt. 3, Frequency modulation broadcasting stations. [22d edition.] [1969.] cover title, [1]+iii+85+85 p. 4° [Errata, 1 p. oblong 24°, issued also.] * Paper, $1.50. ● Item 856-B
L.C. card 47-32798 PrEx 7.9:968/pt.3

4294 —— pt. 4, Television stations. [22d edition.] [1969.] cover title, [1]+iii+142+147 p. 4° * Paper, $2.25. ● Item 856-B
L.C. card 47-32798 PrEx 7.9:968/pt.4

FOREST SERVICE, Agriculture Dept., Washington, DC 20250

4295 Clearwater National Forest. [1969.] cover title, [16] p. il. 4° † A 13.2 : C 58/2

Conservation research report.

4296 12. Characteristics and habitat requirements of greater prairie chicken and sharp-tailed grouse, review of literature [with bibliography]; by Keith E. Evans. Dec. 1968. iii+32 p. il. 4° † ● Item 25–D L.C. card Agr 68–357 A 77.23 : 12

4297 Dividends from wood research, recent publications of Forest Products Laboratory, Jan. 1 to June 30, 1968. [1969.] cover title, 16 p. il. narrow 8° † A 13.27/8 : 968

4298 Forest Products Laboratory, list of publications of interest to architects, builders, engineers, and retail lumbermen. Nov. 1968. cover title, ii+11 p. 4° [Supersedes similar list of June 1965.] † A 13.27/7 : Ar 2/968

4299 Forest Service comments on resolutions relating to national forest system as adopted in 1968, by American National Cattlemen's Association, National Wool Growers Association, and State livestock associations. [Dec. 1968.] iv+32 p. il. narrow 8° † ● Item 84 A 13.2 : F 76/72

4300 Guide to national forest recreation in Nevada. n.d. [23] p. il. oblong 24° (International region.) † A 13.36/2 : N 41

4301 Impact survey report, evaluation and effects of Fryingpan-Arkansas project on administration, management, and use of San Isabel National Forest: sec. 1, Turquoise Lake. 1968. [1]+i+131 p. il. 4° (Rocky Mountain Region, Denver, Colo.) [Some illustrations are colored.] ‡ A 13.2 : F 94/2

4302 Influence of design on exposed wood in buildings of Puget Sound area [with list of literature cited]; by Edward W. Schein. Sept. 1968. [3] leaves+45 p. il. 4° (Pacific Northwest Forest and Range Experiment Station.) † A 13.66/12 : W 85

Research note FPL-(series). (Forest Products Laboratory, Madison, Wis.) † A 13.79 : FPL-(nos.)

4303 FPL-0138. Selection and properties of woodworking glues. Revised Oct. 1968. [1968.] 10+[1] p. 4°

4304 FPL-0160. Gluing fire-retardant-treated Douglas-fir and western hemlock [with list of literature cited; by R. E. Schaeffer]. Nov. 1968. cover title, [2]+13+[1] p. il. 4° [Text on p. 2 of cover.]

4305 FPL-0175. Simplified test for adhesive behavior in wood sections exposed to fire [by E. L. Schaffer]. Nov. 1968. [1968.] cover title 13+[1] p. il. 4° [Text on p. 2 of cover and p. 13 appears on p. 3 of cover.]

Research note NC (series). (North Central Forest Experiment Station, St. Paul, Minn.) † A 13.79 : NC-(nos.)

4306 NC-60. Poor returns from Ozark woodland grazing: [by Ardell J. Bjugstad Dean A. Murphy, Hewlette S. Crawford. [1968.] 2 p. 4° [Issued with perforations.]

4307 NC-61. Gross basal area growth of northern white-cedar is independent of stand density over wide range; [by Bruce W. Foltz, William F. Johnston]. [1968.] 4 p. il. 4° [Issued with perforations.]

4308 NC-62. Early growth of eastern white pine seed sources in Lake States [with list of literature cited; by James P. King, Hans Nienstaedt]. [1968.] 4 p. il. 4° [Issued with perforations.]

4309 NC-63. Acorn moisture content critical for cherrybark oak germination; [by John E. Krajicek]. [1968.] 2 p. il. 4° [Issued with perforations.]

4310 NC-64. Fuel evaluation for Missouri pine plantation released by aerial spraying; [by Robert M. Loomis, John S. Crosby]. [1968.] 4 p. il. 4° [Issued with perforations.]

4311 NC-65. Computer program to evaluate timber production investments under uncertainty; [by Dennis L. Schweitzer]. 3 p. il. 4° [Issued with perforations.]

4312 NC-66. Deer browse production, rapid sampling and computer-aided analysis; [by Forest W. Stearns, Dennis L. Schweitzer, William A. Creed]. [1968.] 4 p. il. 4° [Issued with perforations.]

4313 NC-67. Using d.b.h. and butt log quality to estimate tree yields by saw log grade; [by] Matti J. Hyvarinen. 1968. 2 p. 4° [Issued with perforations.]

4314 NC-68. Indiana sawmills receive 232 million board feet of saw logs in 1966; [by James E. Blyth]. [1968.] 4 p. il. 4° [Issued with perforations.]

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Research note PNW-(series). (Pacific Northwest Forest and Range Experiment Station. Portland, Oreg.) † A 13.79: PNW-(nos.)

4315 PNW-84. Spring-season deer browsing of Douglas-fir on Capital Forest in western Washington; by Glen L. Crouch. 8 p. il. 4°

4316 PNW-85. Determination of nucleopolyhedron counts and size frequency distributions by means of Coulter transducer [with list of literature cited]; by Mauro E. Martigoni and Paul J. Iwal. Aug. 1968. 14 p. il. 4°

4317 PNW-86. Growth response of 35-year-old, site V Douglas-fir to nitrogen fertilizer; by Don Donald L. Reukema. Aug. 1968. 9 p. il. 4°

4318 PNW-87. Operational test on natural-shaped logging balloon; by Virgil W. Binkley and Ward W. Carson. Sept. 1968. 8 p. il. 4°

4319 PNW-89. Potential damage to forest tree seed during processing, protective treatment, and dissemination; by James W. Edgren. Sept. 1968. 8 p. il. 4°

Research note PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.) † A 13.79: PSW-(nos.)

4320 PSW-172. Tree shadow patterns and illumination measurements within clearcut strips and irregular openings in true fir forest; [by] Donald T. Gordon. 1968. 9 p. il. 4°

4321 PSW-173. Tolerance of spruce budworm to malathion. Montana, New Mexico populations show no differences; [by] Robert L. Lyon, Marion Page [and] Sylvia J. Brown. 1968. 6 p. il. 4°

Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.)

4322 FPL-100. Some nondestructive parameters for prediction of strength of structural lumber [with list of literature cited; by Ivan Oross]. Oct. 1968. cover title, [2]+7 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards.] † A 13.78: FPL-100

Research paper INT-(series). (Intermountain Forest and Range Experiment Station, Ogden, Utah.)

4323 INT-51. NETVSL, computer program for calculation of tree volumes with interior defect; by Albert R. Stage, Richard C. Dodge, and James E. Brickell. 1968. [2]+30+[1] p. il. 4° [Text on p. 2-3 of cover.] † A 13.78: INT-51

Research paper NC-(series). (North Central Forest Experiment Station. St. Paul, Minn.) † A 13.78: NC-(nos.)

4324 NC-24. Shrinkage and footage loss from drying 4/4-inch hard maple lumber [with list of literature cited]; [by] Daniel E. Dunmire. 1968. cover title, [1]+10 p. il. 4° [Abstract cards inserted.]

4325 NC-25. Topography & soil relations for white and black oak in southern Indiana [with list of literature cited; by] Peter R. Hannah. 1968. cover title, 7 p. il. 4° [Contents on p. 2 of cover. Abstract cards inserted.] †

Research paper PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) † A 13.78: PNW-(nos.)

4326 PNW-54. Nutrient cycling by throughfall and stemflow precipitation in three coastal Oregon forest types [with list of literature cited]; by Robert F. Tarrant [and others]. 1968. cover title, 7+[1] p. 4°

4327 PNW-58. Soil moisture tension variation on cutovers in southwestern Oregon [with list of literature cited]; [by] William E. Hallin. 1968. cover title, 1+18 p. il. 4° [Abstract cards inserted.]

4328 PNW-65. Hemlock sawfly in southeast Alaska; [by] J. S. Hard [and] D. C. Schmiege. 1968. cover title, 11+[1] p. il. 4° (Institute of Northern Forestry.) [Contents on p. 2 of cover.]

4329 PNW-67. Literature on timber measurement problems in Douglas-fir region, bibliography; compiled by David Bruce. 1968. cover title, 28+[1] p. 4° [Text on p. 2 of cover.]

4330 PNW-68. Pruning of ponderosa pine, effect on growth [with list of literature cited; by] James W. Barrett. [1969.] cover title, [1]+9 il. 4° [Abstract cards inserted.]

Research paper SO-(series). (Southern Forest Experiment Station, New Orleans, La.)

4331 SO-35. Longleaf pine, annotated bibliography, 1946-67; [by] Thomas C. Croker, jr. 1968. cover title, [2]+52 p. 4° [Text on p. 2 of cover. Abstract cards inserted.] † A 13.78: SO-35

Resource bulletin NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) † A 13.80: NC-(nos.)

4332 4. Kansas woodlands; [by] Clarence D. Chase, John K. Strickler. 1968. cover title, [2]+50 p. il. 4° [Foreword on p. 2 of cover, map on p. 3. Abstract cards inserted.]
L.C. card 72-600759

4333 5. Veneer-log production and consumption, North Central region 1966; [by James E. Blyth]. 1968. cover title, [2]+6 p. il. 4° [Abstract cards inserted.]

Resource bulletin PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) † A 13.80: PNW-(nos.)

4334 PNW-26. Timber resources of Humboldt County, Calif.; by Daniel D. Oswald. Sept. 1968. [6]+42+[1] p. 4° [Prepared by Forest Survey Project. Text on p. 2 of cover.]

4335 PNW-27. 1967 Oregon timber harvest; by Brian R. Wall. Oct. 1968. 2 p. il. 4° [Prepared by Forest Survey Project.]

4336 Working forest. [1967.] [20] p. il. oblong 8° (Southern Region.) † A 13.2: F 76/73

GENERAL ACCOUNTING OFFICE
Washington, DC 20548

4337 Joint financial management improvement program, 20th annual report, 1948-68. [1969.] v+62 p. * Paper, 40c. ● Item 546-A
L.C. card 52-60316 GA 1.12: 948-68

4338 Report to Congress: Audit of certain banks of Farm Credit System supervised by Farm Credit Administration, fiscal year 1968; by Comptroller General of United States. Jan. 28, 1969. cover title, [7]+40 p. 4° (B-114806.) † Paper, $1.00.
L.C. card 70-600856 GA 1.13: F 22/3/968

4339 —— Examination of financial statements of Federal Prison Industries, Inc., fiscal year 1968, Department of Justice; by Comptroller General of United States. Feb. 11, 1969. cover title, [5]+23 p. 4° (B-114826.) † Paper, $1.00.
L.C. card 66-60581 GA 1.13: F 31/16/968

4340 —— Improvements needed in procedures for determining supplementary grant assistance for public works and development facility projects, Economic Development Administration, Department of Commerce; by Comptroller General of United States. Feb. 4, 1969. [7]+49 p. 4° (B-153449.) † Paper, $1.00.
L.C. card 79-600636 GA 1.13: G 76/6

4341 —— Need for improved accounting for civilian employees' leaves of absence in military departments, Department of Defense; by Comptroller General of United States. Feb. 7, 1969. cover title, [5]+39 p. 4° (B-152073.) † Paper, $1.00.
L.C. card 79-600636 GA 1.13: G 76/6

4342 —— Need for improvements in automated central payroll system of Department of Health, Education, and Welfare; by Comptroller General of United States. Jan. 17, 1969. cover title, [7]+49 p. 4° † Paper, $1.00.
L.C. card 72-600479 GA 1.13: P 29/19

4343 —— Requirements contracting and other aspects of small purchases in Department of Defense; by Comptroller General of United States. Feb. 5, 1969. cover title, [7]+48 p. il. 4° † Paper, $1.00.
L.C. card 71-600634 GA 1.13: D 36/5

4344 —— Review of financing of community facilities by Department of Housing and Urban Development; by Comptroller General of United States. Jan. 17, 1969. cover title, [5]+28 p. 4° † Paper, $1.00.
L.C. card 73-600680 GA 1.13: F 49/5

4345 —— Review of policies and practices for acquiring land for reservoir projects, Corps of Engineers (civil functions), Department of Army; by Comptroller General of United States. Feb. 3, 1969. cover title, [7]+45 p. 9 maps 4° † Paper, $1.00.
L.C. card 72-600637 GA 1.13: L 22/6

4346 —— Review of Washington internal audit activities of Agency for International Development, Department of State; by Comptroller General of United States. Jan. 17, 1969. cover title, [7]+72 p. 4° † Paper, $1.00.
L.C. card 74-600482 GA 1.13: Au 2/5

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

GEOLOGICAL SURVEY, Interior Dept.. Washington, DC 20405

Bulletins. ● Item 620 — I 19.3:(nos.)

4347 1251–H. Geology of Magruder Mountain area, Nevada-California [with selected bibliography]; by Edwin H. McKee. 1968. iv+40 p. il. 1 pl. in pocket. [Description of Precambrian, lower Paleozoic, and Tertiary stratigraphy and discussion of granitic rocks and structure. Contributions to general geology. Plate is colored.] * Paper, 75c.

4348 1256. Geology of Oregon Buttes area, Sweetwater, Sublette and Fremont counties, Southwestern Wyoming [with list of selected references]; by H. D. Zeller and E. V. Stephens. 1969. iv+60 p. il. 2 pl. in pocket. [Investigations of an area that includes South Pass, where the historic Emigrant Trail crosses Continental Divide. One plate is colored.] * Paper, $1.25.
L.C. card card GS 68–281

4349 1258–A. Engineering geology of Paducah East quadrangle in Kentucky [with list of references cited]; by Thomas G. Nicholas, jr. 1968. iii+13 p. il. 1 pl. 2 tabs. in pocket. [Prepared in cooperation with Kentucky Geological Survey. Field and laboratory study of engineering behavior of earth materials in urban area. Contributions to engineering geology. Plate is colored.] * Paper, $1.00.

4350 1261–D. Mineral resources of Mission Mountains primitive area, Missoula and Lake Counties, Mont. [with list of references cited]; by Jack E. Harrison, Mitchell W. Reynolds, and M. Dean Kleinkopf. 1969. vi+48 p. il. 1 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness, primitive areas.] * Paper, $1.25.

4351 1271–D. Systematic jointing in western part of anthracite region of eastern Pennsylvania [with list of references cited]; by Gordon H. Wood, jr., Harold H. Arndt, and M. Devereux Carter. 1969. iii+17 p. il. 1 pl. in pocket. [Description of conjugate joint system in folded rocks and determination of relative age of joint sets and other structural features. Contributions to general geology.] * Paper, 50c.

4352 1274–B. Stratigraphy of Albemarle Group of Carolina slate belt in central North Carolina [with list of references cited]; by Arvid A. Stromquist and Harold W. Sundelius. 1969. iv+22 p. il. 2 pl. in pocket. [Prepared in cooperation with North Carolina Division of Mineral Resources. Contributions to stratigraphy.] * Paper, 70c.

4353 1274–F. Reany Creek formation Marquette County, Mich. [with list of references cited]; by Willard P. Puffett. 1969. iv+25 p. il. [Prepared in cooperation with Geological Survey Division, Michigan Department of Conservation. Description of new formation of Precambrian age in northern Michigan. Contributions to stratigraphy.] * Paper, 25c.

4354 1274–G. Aguada limestone of northwestern Puerto Rico [with list of references cited]; by Watson H. Monroe. [1968.] iii+12 p. il. [Prepared in cooperation with Commonwealth of Puerto Rico, Economic Development Administration, Industrial Research Department. Contributions to stratigraphy.] * Paper, 10c.

4354A 1275. Coal resources of United States, Jan. 1, 1967 [with list of references cited]; by Paul Averitt. 1969. vi+166 p. il. [Summary and analysis of information concerning quantity and distribution of coal. Supersedes bulletin 1136.] * Paper, 65c.
L.C. card GS 68–291 — I 19.3:1275

Circulars. † ● Item 620–A — I 19.4/2:(nos.)

4355 556. Estimated use of water in United States, 1956 [with list of selected references]; by C. Richard Murray. 1968. vi+53 p. il. 4°
L.C. card GS–68–384

4356 608. Scientific or rule-of-thumb techniques of ground-water management, which will prevail? [with list of references cited; by C.L. McGuinness]. 1969. iii+8 p. 4°
L.C. card GS 68–383

4357 609. Mercury in soil gas and air, potential tool in mineral exploration [with list of references]; by J. H. McCarthy, Jr. [and others]. 1969. iii+16 p. il. 4°
L.C. card GS 68–388

4358 611. Asbestos occurrence in eagle C–4 quadrangle, Alaska [with list of references cited]; by Helen L. Foster. 1969. iii+7 p. il. 4°
L.C. card GS 68–382

4359 [This entry number not used.]

4360 Geologic maps of the moon. [1968.] [6] p. il. narrow 8° ‡ — I 19.2:M 77

Professional papers. ● Item 624 — I 19.16:(nos.)

4361 485–D. Plant ecology of arid basin Tres Alamos-Redington area southeastern Arizona [with list of references]; by Robert C. Zimmermann. 1969. vi+51 p. il. 2 pl. in pocket. 4° [Study of variations in plant cover of arid basin, primarily as related to differences in surface-flow regimen. Vegetation and hydrologic phenomena.] * Paper, $1.75.

†For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Professional papers—Continued

4362 536-A. Geology of Greenwood quadrangle, Arkansas-Oklahoma [with list of references cited]; by Boyd R. Haley and Thomas A. Henricks. 1968. iii+15 p. il. 4 pl. in pocket. 4° [Prepared in cooperation with Arkansas Geological Commission. Geology of Arkansas Valley coal field. One plate is colored.] * Paper, $1.50.

4363 536-B. Geology of Scranton and New Blaine quadrangles, Logan and Johnson Counties, Ark. [with list of references cited]; by Boyd R. Haley. 1968. iii+10 p. il. 4 pl. in pocket. 4° [Prepared in cooperation with Arkansas Geological Commission. Geology of Arkansas Valley Coal Field. One plate is colored.] * Paper, $1.25.

4364 594-K. Geology of Comstock-Indian Wells area, Val Verde, Terrell, and Brewster Counties, Tex. [with list of references cited]; by Val. L. Freeman. 1968. iii+26 p. il. 3 pl. in pocket, 4° [Description of the petrography and structure of the sedimentary rocks along the Rio Grande in the vicinity of the mouth of the Pecos River. Shorter contributions to general geology. One plate is colored.] * Paper, $1.25.

4365 594-L. Stratigraphic significance and petrology of phosphate nodules at base of Niobrara Formation, east flank of Black Hills, South Dakota [with list of references]; by Harry A. Tourtelot and W. A. Cobban. 1968. iii+22+[2] p. il. 2 pl. 4° [Phosphate replaces marlstone in microenvironments formed by mollusks. Shorter contributions to general geology.] * Paper, 45c.

4366 598. River adjustment to altered hydrologic regimen, Murrumbidgee River and Paleochannels, Australia [with list of references cited]; by S. A. Schumm. 1968. iv+65 p. il. 2 pl. in pocket, 4° * Paper, $1.25.
L.C. card GS 68-237

4367 613-B. Teilichispira, new Early Ordovician gastropod genus [with list of references cited]; by Ellis L. Yochelson and Clive R. Jones. 1968. iii+15+[2] p. il. 2 pl. 4° [Description of unusual macluritacean occurring in Malaysia and North America. Contributions to paleontology.] * Paper, 45c.

4368 Water of the world. [1968.] 18+[2] p. il. narrow 8° ‡ I 19.2: W 29/19

4369 Water resources data for California, 1967: pt. 1, Surface water records, v. 2, Northern Great Basin and Central Valley. 1968. cover title, xviii+489-1002 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with California Department of Water Resources and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 855 Oak Grove Avenue, Menlo Park, CA 94025
L.C. card 68-60769 I 19.53/2: C 12/967/pt.1/vt.2

Water-supply papers. ● Item 625 I 19.13: (nos.)

4370 1591-C. Flood inundation and effects of urbanization in metropolitan Charlotte, North Carolina [with list of references cited]; by Lawrence A. Martens. 1968. iv+60 p. il. 2 pl. in pocket, 4° [Prepared in cooperation with city of Charlotte, N.C. Study of factors influencing urban runoff. Hydrologic effects on urban growth.] * Paper, $1.00.

4371 1830-B. Summary of floods in United States during 1963 [with list of references cited]; by J. O. Rostvedt and others. 1968. vi+120+[3] p. il. [Prepared in cooperation with Federal, State, and local agencies. Includes title page and contents to Water supply paper 1830.] * Paper, 60c.

4372 1892. Selected techniques in water resources investigations, 1966-67 [papers, with list of references]; compiled by Edith Becker Chase and Faith N. Payne. 1968. iii+164 p. il. * Paper, $1.00.
L.C. card GS 68-282

HEALTH, EDUCATION, AND WELFARE DEPARTMENT
Washington, DC 20201

4373 Achievements and challenges, HEW Forum papers, 2d series, 1968-69. [1969.] cover title, v+45 p. † ● Item 445 FS 1.2: F 77/968-69

4374 Fluoridation for you and yours. [1969.] [2] p. il. oblong 8°, folded into narrow 8° size. † ● Item 445 FS 1.2: F 67

4375 Improving environment for science in DHEW, 1st report of Career Service Board for Science. Dec. 23, 1968. [published 1969], cover title, [4]+32+[30] p. 4° ● Item 445-K
L.C. card HEW 68-162 FS 1.33: 968

4376 Interim report to Secretary of Department of Health, Education, and Welfare from National Advisory Committee on Alcoholism. Dec. 1968 [published 1969.], [63] p. 4° ● Item 445
L.C. card HEW 68-163 FS 1.2: Al 1/5/968

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Program analysis (series). † FS 1.29:(nos.)

4377 1966–3. Cancer. Oct. 1966. [1]+iii+111 p. il. 4° (Disease control programs; Office of Assistant Secretary for Program Coordination.)
L.C. card HEW 67–117

4378 1966–8. Elementary & secondary education; [prepared by Herbert J. Kiesling]. Sept. 1966. [1]+ii+61 p. 4° (Human investment programs; Office of Assistant Secretary for Program Coordination.)

4379 1967–11. Kidney disease. Dec. 1967. cover title, [268] p. il. 4° (Disease control programs; Office of Assistant Secretary (Planning and Evaluation).)
L.C. card HEW 68–83

4380 Task Force on Prescription Drugs, background papers: Drug makers and drug distributors [with lists of references]. Dec. 1968. viii+86 p. il. 4° * Paper, $1.00. ● Item 445
L.C. card 72–600349 FS 1.32:M 28

4381 Task Force on Prescription Drugs, 3d interim report: Coverage of drugs under medicare, Dec. 31, 1968. [1968.] vi+47 p. † ● Item 445
L.C. card 79–600695 FS 1.32:R 29/968–2

4381A Toward long-range plan for Federal financial support for higher education, report to the President. Jan. 1969. xii+73 p. (Office of Assistant Secretary for Planning and Evaluation.) † ● Item 445
L.C. card 77–600586 FS 1.2:Ed 8/4

HOUSING AND URBAN DEVELOPMENT DEPARTMENT
Washington, DC 20410

4382 HUD 2d annual report [calendar year 1966]. [Mar. 1968.] 108 p. il. ([MP–41.]) [Text on p. 2 of cover. Also issued as H. doc. 60, pt. 1, 91st Cong., 1st sess.] * Paper, 55c. ● Item 581 & 582–H
L.C. card 67–61211 HH 1.1:966

4383 HUD 3d annual report [calendar year] 1967. [Nov. 1968.] 110 p. il. 4° ([S/MP–63.]) [Also issued as H. doc. 60, pt. 2, 91st Cong., 1st sess.] * Paper, $1.25. ● Item 581 & 582–H
L.C. card 67–61211 HH 1.1:967

HUD handbooks. ● Item 582–E HH 1.6/6:(letters–nos.)

4384 RHA 7208.1, RHA 7218.1. Urban renewal handbook transmittal. [Dec. 9, 1968.] [5] p. 4° [Issued with perforations. Includes transmittal notice 16.] * Paper, $14.00 (including basic manual and supplementary material for indefinite period); $4.00 additional for foreign mailing.

4385 RHA 7215.1. Urban renewal handbook transmittal. [Dec. 27, 1968.] [5] p. 4° [Issued with perforations. Includes transmittal notice 17.] * Paper, $14.00 (including basic manual and supplementary material for indefinite period); $4.00 additional for foreign mailing.

4386 RHA 7216.1. Urban renewal handbook transmittal. [Jan. 3, 1969.] [5] p. 4° [Issued with perforations. Includes transmittal notice 18.] * Paper, $14.00 (including basic manual and supplementary material for indefinite period); $4.00 additional for foreign mailing.

IP–(series).

4387 98. HUD's role in urban transportation [Dec. 1968, published 1969.] [6] p. narrow 8° † ● Item 582–G HH 1.27:98

MP (series). ● Item 582–H HH 1.28:(nos.)

4388 42. Intergovernmental cooperation in urban development, honor awards 1967, urban development intergovernmental awards program. [1969.] 112 p. †

4389 72. Housing surveys, pts. 1 and 2, occupants of new housing units, mobile homes and housing supply. [1969.] [4]+152 p. il. 4° * Paper, $1.25.

4390 76. Periodicals received in Housing and Urban Development Library, subject index. 1969. v+49 p. 4° †
L.C. card 74–600762

4391 Science, the good urban witch, remarks by Robert C. Wood, Under Secretary, Department of Housing and Urban Development, at 2d annual symposium of American Society for Cybernetics, Washington, D.C., Oct. 24, 1968. [1968.] 16 p. 4° † HH 1.7:W 55/9

4392 Urban planning program guide, policies and procedures for Federal assistance under the urban planning program authorized by sec. 701 of the Housing act of 1954 as amended. [1966.] cover title, vii+[98] p. 4° ‡
L.C. card 70–600737 HH 1.6/3:Ur 1

†For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

334–546—69—No. 890——5

INTERIOR DEPARTMENT
Washington, DC 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

4393 1968 annual report, [Governor of] Guam, to Secretary of Interior. [3]+43 p. il. * Paper, 30c. ● Item 672-A
L.C. card 53-29762 I 35.15/1:968

4394 Cooperative water resources research and training, 1968 annual report, pursuant to Water resources research act of 1964, as amended by Public law 89-404. Dec. 1968 [published 1969]. [2]+xxxii+304 p. il. 4° (Office of Water Resources Research.) † ● Item 601-B
L.C. card 66-60902 I 1.1/4:968

4395 Natural resources of North Dakota. [1968.] 46+[2] p. il. 4° (Office of Information.) * Paper, 60c. ● Item 603-C
L.C. card 63-62363 I 1.91:N 81d

[Saline water] research and development progress report. (Office of Saline Water.) ● Item 604-A-1 I 1.88:(nos.)

4396 380. Influence of strongly bound counter-ions on permselective membranes; by F. de Korosy, E. Zeigerson, and M. Zevulun, Negev Institute for Arid Zone Research, Beersheva, Israel. Dec. 1968. iii+61 p. il. 4° (Grant 14-01-0001-766.) * Paper, 65c.

4397 386. Development of ultrathin membranes [with list of references]; by R. L. Riley [and others], Gulf General Atomic, Inc., San Diego, Calif. Jan. 1969. vi+89 p. il. 4° (Contract 14-01-0001-1242.) * Paper, $1.00.

4398 390. Evaluation of concrete and related materials for desalination plants, second annual progress report [with lists of references]; by Department of Interior, Bureau of Reclamation, Denver, Colo. June 1968. xvi+346 p. il. 4° (USBR-OSW Agreement 14-01-0001-544, work orders 1 and 6.) * Paper, $3.00.

4399 391. Conceptual design study of 250-million gallons per day combined vertical tube-flash evaporator desalination plant [with lists of references]; by Oak Ridge National Laboratory, Oak Ridge, Tenn. Aug. 1968. viii+191 p. il. 4° (Agreement 14-01-0001-534, work order no. 18.) * Paper, $3.50.

4400 393. Effect of surface potential on scale formation [with list of referecnes]; by B. D. Marcus, H. P. Silverman and W. T. Tsukamoto, TRW, Incorporated, TRW Systems Group, Redondo Beach, Calif. Jan. 1969. vii+66 p. il. 4° (Contract 14-01-0001-1244.) * Paper, 70c.

4401 394. Development of low-cost iron-base alloy to resist corrosion in hot sea water [with list of references]; by N. Pessall [and others], Westinghouse Electric Corporation, Pittsburgh, Pa. Jan. 1969. iv+79 p. il. 4° (Contract 14-01-0001-1447.) * Paper, 75c.

4402 396. Scale control with graphite heat-transfer tubes of controlled permeability to steam, phase 2; by L. E. Vaaler and S. V. Desai, Carbon Products Division Parma Technical Center, Union Carbide Corporation, Parma, Ohio. Oct. 1968. iv+16 p. il. 4° * Paper, 30c.

4403 397. Technical cooperation on solar distillation development program of Spain [with list of references]; by George O. G. Lof. Sept. 1968. ii+25 p. il. 4° Contracts 14-01-0001-697; 14-01-001-633.) [Prepared in cooperation with National Commission for Special Energies (Spain), Ministry of Education and Science (Spain), and Organization for Economic Cooperation and Development (Paris).] * Paper, 50c.

4404 398. Electrosorption and desorption process for demineralization; by Robert E. Lacey, Southern Research Institute, Birmingham, Ala. [1969.] vi+117 p. il. 4° (Contract 14-01-0001-975.) * Paper, $1.25.

4405 400. Development of improved cellulose acetate membranes for reverse osmosis [with list of references]; by Mark E. Cohen and Billy M. Riggleman, Hercules Incorporated, Allegany Ballistics Laboratory, Cumberland, Md. Feb. 1969. [1969.] iv+62 p. il. 4° (Contract 14-01-0001-1947.) * Paper, 65c.

INTERNAL REVENUE SERVICE, Treasury Dept.
Washington, DC 20224

4406 Careers in taxation [with list of selected references]. [1969.] [1]+13 p. il. ([Publication 491 (12-68).] † ● Item 956 T 22.2:C 18/5

4407 Child care and disabled dependent care. [1968.] 8 p. oblong 24° (Publication 503 (10-68).) * Paper, $2.00 per 100; single copy, 5c. (Incorrectly given in publication as $6.00 per 100; single copy, 10c.) ● Item 964-B
T 22.44/2:503

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4408 Estate tax attorney [it's your move]. [Nov. 1968.] cover title, 16 p. il. ([Publication 601.]) [Text on p. 3–4 of cover.] † ● Item 956 T 22.2 : Es 8/4

4409 Gun control act of 1968. [1969.] 9 p. (Publication 627 (1–69).) [Public law 90–618, 90th Congress, H.R. 17735, Oct. 22, 1968.] † ● Item 961–A T 22.32 : G 95

4410 Income tax deduction for alimony payments. [1968.] 8 p. oblong 24° (Publication 504 (10–68).) * Paper, $2.00 per 100; single copy, 5c. (incorrectly given in publication as $6.00 per 100; single copy, 10c.) ● Item 964–B T 22.44/2 : 504

4411 Income tax deduction for interest expense. [1968.] 8 p. oblong 24° (Publication 545 (10–68).) * Paper, $6.00 per 100; single copy, 10c. ● Item 964–B T 22.44/2 : 545

4412 Liquor laws and regulations for retail dealers. [1968.] iv+11 p. narrow 8° (Publication 30 (rev. 11–68).) † ● Item 961 T 22.19 : L 66/968

4413 Looseleaf regulations system: Service 1, Income tax, transmittal 117. Nov. 29, 1968. [16] p. 4° † ● Item 961 T 22.19/3 : 1/trans.117

4414 —— Service 1, Income tax, transmittal 118. Jan. 10, 1969. [71] p. 4° ● Item 961 T 22.19/3 : 1/trans.118

NOTE.—Service 1 consists of pts. 1, 2, 18, and 19 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, $16.00 (including basic material and supplements issued irregularly for approximately 3 years); $4.00 additional for foreign mailing.

4415 —— Service 5, Procedure and administration, transmittal 45. Dec. 13, 1968. [86] p. 4° † ● Item 961 T 22.19/3 : 5/trans.45

NOTE.—Service 5 consists of pts. 152, 301–303 and 601 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, $4.50 (including basic material and supplements issued irregularly for approximately 3 years); $1.00 additional for foreign mailing.

4416 Recordkeeping requirements and guide to tax publications. [1968.] 6 p. 4° (Publication 522 (10–68).) * Paper, $2.00 per 100; single copy, 5c. ● Item 964–B T 22.44/2 : 552

4417 Retirement plans for self-employed individuals. [1968.] 15 p. 4° (Publication 560 (10–68).) * Paper, $9.00 per 100; single copy, 15c. ● Item 964–B T 22.44/2 : 560

4418 Tax guide for small business, individuals, corporations, partnerships, income, excise and employment taxes. 1969 edition [revised to Oct. 1968]. [1968.] cover title, 160 p. il. 4° (Publication 334.) [Text on p. 2–4 of cover.] * Paper, 60c. ● Item 956–A
L.C. card 57–60150 T 22.19/2 : Sm 1/969

4419 Tax information on deductions for homeowners. [1968.] 10 p. ° (Publication 530 (10–68). * Paper, $6.00 per 100; single copy, 10c. ● Item 964–B T 22.44/2 : 530

4420 Tax information on mutual fund distributions. [1969.] 10 p. 4° (Publication 564 (10–68).) * Paper, $9.00 per 100; single copy, 15c. ● Item 964–B T 22.44/2 : 564

Title 26 (1954), Code of Federal regulations, pt. [Issued with perforations.]

4421 178. Commerce in firearms and ammunition, effective Dec. 16, 1968. [1969.] [1]+18 p. 4° (Publication 626 (1–69).) [Published in Federal register, Dec. 14, 1968.] * Paper, 20c. ● Item 961 T 22.17/3 : 178

INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

4422 Changing patterns of U.S. trade in nonagricultural products and impact on Southern economy, remarks by Robert L. Hirshberg, Director, Office of Commercial and Financial Policy, Bureau of International Commerce, prepared for delivery at Agriculture and International Trade Conference, North Carolina State University, Raleigh, N.C., Jan. 27, 1969. 1969. 13 p. 4° † C 42.18 : H 61/3

4423 U.S. export financing programs. [Jan. 1969.] cover title, ii+14 p. [Text continued on p. 3 of cover.] † ● Item 231-A C 42.2 : Ex 7/7

4424 1969, year of the big sell in 909 international trade fairs on every continent in every major market. [1969.] 24 p. il. 4° [Reprinted from International commerce, Dec. 30, 1968.] † C 42.8/a : F 167/6

INTERNATIONAL DEVELOPMENT AGENCY, State Dept.
Washington, DC 20523

4425 Foreign assistance program, annual report to Congress, fiscal year 1968. [1969.] vi+85 p. il. [Also issued as H. doc. 23, 91st Cong., 1st sess.] * Paper, 45. ● Item 900-C-3
L.C. card 63-65292 S 18.1 : 968

4426 Vietnam, bibliography; prepared by Judith W. Heaney. Apr. 1, 1968. [2] leaves+25 p. 4° †
L.C. card 70-600671 S 18.21/2 : V 67

INTERSTATE COMMERCE COMMISSION
Washington, DC 20423

4427 82nd annual report of Interstate Commerce Commission, fiscal year 1968 [with list of publications]. 1968 [published 1969.] vii+174 p. il. 2 pl. [Also issued as H. doc. 12, 91st Cong. 1st sess.] * Paper, $1.00. ● Item 673
L.C. card 4-18123 IC 1.1 : 968

Carload waybill statistics, 1966. (Bureau of Economics.)

4428 State-to-State distribution, traffic and revenue, one percent sample of terminations in 1966: 32, Stone, clay and glass products; 33, Primary metal products. Sept. 1968. cover title, iii+58 p. 4° (Statement SS-6, year 1966.) † IC 1.23/14 : 966

4429 Operating revenues and operating expenses of class 1 railroads in United States (switching and terminal companies not included). (Statement Q-100 (R & E); Bureau of Accounts.) [Quarterly. Issued with perforations. Subject to revision. Replaces Operating revenues and operating expenses, Statement Q=100; Advance summary of revenues, expenses, and net railway operating income, Q-100-AS; Operating revenues and operating expenses—selected items for large railroads, Q-150.] † IC 1 ste.19/3 : (date)

1st qtr. 1968—

4430 Remarks of George M. Stafford, Commissioner, Interstate Commerce Commission, before annual meeting of Heavy-Specialized Carriers Conferference, San Francisco, Calif., Apr. 30, 1968. 1968. [1]+12 p. 4° † IC 1.16 : St 1

4431 [Schedule of annual indices for carriers by railroad, 1914-67, revised pages for year 1967.] Nov. 13, 1968. [41] p. 4° (Bureau of Accounts.) [This publication has not been adopted by Interstate Commerce Commission.] † IC 1 acco.2 : R 13/6/914-66/rev.pages

JOINT PUBLICATIONS RESEARCH SERVICE
Washington, DC 20443

NOTE.—Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately. ♦(Price upon application).

4432-1 East European scientific abstracts: Bio-medical science, nos. 140-141; JPRS 47263, 47285.
4432-2 East European scientific abstracts: Materials science and metallurgy, no. 32; JPRS 47261.
4432-3 East European scientific abstracts: Physics and mathematics, no. 99; JPRS 47262.
4432-4 Herald of communications, no. 11, 1968; JPRS 47314.
4432-5 Index of Le Monde, no. 96; JPRS 47248.
4432-6 Soviet military translations, nos. 500-501; JPRS 47252, 47324.
4432-7 Space biology and medicine, v. 2, no. 5; JPRS 47249.
4432-8 Translations from Kommunist, no. 9; JPRS 47286.
4432-9 Translations on Africa, nos. 761-762; JPRS 47274, 47292.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4432–10 Translations on Communist China, no. 39; JPRS 47297.
4432–11 Translations on Eastern Europe: Economic and industrial affairs, nos. 78–80; JPRS 47260, 47288, 47325.
4432–12 Translations on Eastern Europe: Political, sociological, and military affairs, nos. 62–64; JPRS 47272, 47287, 47321.
4432–13 Translations on Eastern Europe: Scientific affairs, nos. 33–36; JPRS 47259, 47276, 47289, 47334.
4432–14 Translations on Latin America, nos. 131–134; JPRS 47258, 47277, 47296, 47304.
4432–15 Translations on Mongolia, nos. 184 JPRS 47256.
4432–16 Translations on Near East, nos. 320–322; JPRS 47275, 47310, 47319.
4432–17 Translations on North Korea, nos. 105–106; JPRS 47247, 47267.
4432–18 Translations on North Vietnam, nos. 491–496; JPRS 47264, 47265, 47273, 47279, 47307, 47312.
4432–19 Translations on south and east Asia, nos. 206–207; JPRS 47302, 47329.
4432–20 Translations on Soviet education, nos. 111–112; JPRS 47268, 47336.
4432–21 Translations on Soviet public health, USSR, no. 11,1968; JPRS 47328.
4432–22 Translations on USSR agriculture, nos. 295–297; JPRS 47254, 47271, 47335.
4432–23 Translations on USSR communications, no. 110; JPRS 47299.
4432–24 Translations on USSR consumer goods and domestic trade, no. 293; JPRS 47269.
4432–25 Translations on USSR labor, no. 287; JPRS 47300.
4432–26 Translations on Western Europe, nos. 22–24; JPRS 47257, 47281, 47320.
4432–27 USSR economy and industry: General information, nos. 352–354; JPRS 47253, 47291, 47327.
4432–28 USSR industrial development: Automotive and tractor industry, no. 115; JPRS 47251.
4432–29 USSR industrial development: Chemical industry and machinery, no. 107; JPRS 47301.
4432–30 USSR industrial development: Construction, construction machinery, and building materials, nos. 195–196; JPRS 47270, 47298.
4432–31 USSR industrial development: Electronics and precision equipment, no. 65; JPRS 47255.
4432–32 USSR international economic relations, no. 167; JPRS 47326.
4432–33 USSR scientific abstracts: Chemistry, no. 68; JPRS 47303.
4432–34 USSR scientific abstracts: Cybernetics, computers, and automation technology, no. 68; JPRS 47309.
4432–35 USSR scientific abstracts; Mathematics and Physics, nos. 181–182; JPRS 47305, 47308.
4432–36 Vestnik of USSR Academy of Sciences, v. 38, nos. 10–11; JPRS 47294, 47295.

JPRS (series). Y 3.J 66:13/(nos.)

4433 47266. Role of mathematics in sociology; by E. P. Andreyev et al. Jan. 16, 1968. cover title, 17 p. 4° [From Voprosy filosofii, no. 11, 1968.] Φ Paper, $3.00.

4434 47278. Religion in USSR discussed [articles]. Jan. 21, 1969. cover title, a+8 p. 4° Φ Paper, $3.00.

4435 47280. Electro-optical method for proving surface nature of rigid electric dipole of arbitrary colloidal particles of water, USSR [with list of references]; by N. A. Tolstoy et al. Jan. 22, 1969. cover title, 5 leaves, 4° [From Optika i spektroskopiya, v. 21, no. 6, Dec. 1966.] Φ Paper, $3.00.

4436 47282. Atomic power engineering and its role in technical progress, USSR; by A. Aleksandrov. Jan. 22, 1969. cover title, 23 p. il. 4° [From Nauka I Zhizn', no. 11, Nov. 1968.] Φ Paper, $3.00.

4437 47283. Military-economic problems in political economy course, USSR [with bibliography]. Jan. 22, 1969. cover title, a–f+263 p. 4° Φ Paper, $3.00.

4438 47284. Developments in Soviet heavy-machine building, USSR [articles]. Jan. 22, 1969. cover title, a+24 p. 4° [From Mashinostroitel', no. 11, 1968.] Φ Paper, $3.00.

4439 47290. Research and trends in epidemiology, USSR [articles, with bibliography]. Jan. 22, 1969. cover title, a+32 p. 4° [From Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 10, 1968.] Φ Paper, $3.00.

4440 47293. Information retrieval system for medical diagnostic equipment, USSR [with bibliography]; by V. M. Timonin et al. Jan. 23, 1969. cover title, 8 p. il. 4° [From Meditisinskaya tekhnika, no. 6, Nov.–Dec. 1968.] Φ Paper, $3.00.

4441 47306. Mathematical models of epidemics, USSR [with bibliography]; by B. S. Bessmertnyy. Jan. 24, 1969. cover title, 11 p. il. 4° [From Primeneniye matematicheskikh metodov v biologii, 1960.] Φ Paper, $3.00.

4442 47311. USSR achievements in space research (1st decade in space, 1957–67) [articles, with bibliographies]; by A. A. Blagonrovov, et al. Jan. 1969. cover title, a–b+615 p. il. 4° [Moscow, Nauka Publishing House, 1968.] Φ Paper, $3.00.

4443 47313. Comparison of effects of psychotomimetic agents on some forms of mouse, rat and dog behavior, USSR [with bibliography]; by G. I. Mil'shteyn. Jan. 27, 1969. 9 p. 4° [From Zhurnal evolyutsionnoy biokhimii i fiziologii, Sept.–Oct. 1968.] Φ Paper, $3.00.

4444 47315. RSFSR economic plan budget proposed for 1969, USSR. Jan. 27, 1969. cover title, 34 p. 4° [Speeches at 4th session of RSFSR Supreme Soviet's 7th Convocation; Moscow, Sovetskaya Rossiya, Dec. 19, 1968.] Φ Paper, $3.00.

4445 47316. Six billion electron-volt electron accelerator, USSR; by A. I. Alikhan'yan. Jan. 27, 1969. cover title, 28 p. il. 4° [From Priroda, no. 11, Nov. 1968.] Φ Paper, $3.00.

JPRS (series)—Continued

4446 47317. Central laboratories exchange experience, USSR; by S. V. Andreyev. Jan. 27, 1969. cover title, 5 leaves, 4° [From Vestnik vysshey shkoly, no. 10, 1968.] ♦ Paper, $3.00.

4447 47318. Foundation and development of Uzbek Academy of Sciences related, USSR [articles]. Jan. 27, 1969. cover title, a+8 p. 4° [From Pravda vostoka, Dec. 1, 1968.] ♦ Paper, $3.00.

4448 47322. Food production and processing in USSR [articles]. Jan. 28, 1969. cover title, a+32 p. il. 4° [From Zakupi sel'skokhozyaystvennykh produktov, Nov. 1968.] ♦ Paper, $3.00.

4449 47323. Medical and toxic fluorocarbon compounds, USSR [excerpts; by I. L. Knunyants et al. Jan. 28, 1969. cover title, 8 p. il. 4° From Mir ftoruglerodov, no. 12, 1968.] ♦ Paper, $3.00.

4450 47330. Psychics and the brain, USSR; by E. V. Il'yenkov. Jan. 29, 1969. cover title, 13 p. 4° [From Voprosy filosofii, no. 11, 1968.] ♦ Paper, $3.00.

4451 47331. Screening of foreign films deplored, USSR; by A. Romanov. Jan. 29, 1969. cover title, 4 leaves, 4° [From Partiynaya zhizn, no. 23, Dec. 1968.] ♦ Paper, $3.00.

4452 47332. Central committee redefines Komsomol functions, USSR. Jan. 29, 1969. cover title, 13 p. 4° [From Komsomol'skaya pravda, Dec. 28, 1968.] ♦ Paper, $3.00.

4453 47333. Mzhavanadze bestows honor on Rustavi Komsomol, USSR; by V. P. Mzhavanadze. Jan. 29, 1969. cover title, 4 leaves, 4° [From Zarya vostoka, Nov. 17, 1968.] ♦ Paper, $3.00.

JUDGE ADVOCATE GENERAL (Navy), Defense Dept.
Washington, DC 20350

4454 Navy lawyer. [Revised Nov. 1968.] [1968.] [2]+12+[1] p. il. oblong 24° (NAVSO P-1988.) † ● Item 380 D 205.2: L 44/968

JUSTICE DEPARTMENT
Washington, DC 20530

4455 Annual report of Attorney General, fiscal year 1968. [Nov. 4, 1968.] [5]+128 p. il. †
L.C. card 17-9090 J 1.1: 968

Opinion of Attorney General [Volume 42, Opinion]. * Paper, $2.00 a volume, 50c. additional for foreign mailing; single copies vary in price.

4456 29. Federal National Mortgage Association guaranties of participation certificates. [1968.] 3 p. * Paper, 10c. ● Item 718 J 1.5/a: 42/29

4457 Practical handbook of Federal grand jury procedure [by David W. Mernitz, Lafayette E. Broome]. [Nov. 1961], 2d edition, [revised Oct. 1968]. Nov. 1968. cover title, [85] p. 4° [Prepared for use of attorneys in Criminal Division.] † ● Item 717-A
L.C. card 73-600699 J 1.8/2: J 97

4458 Procedural guide for acquisition of real property by governmental agencies. 1968 [published 1969]. cover title, v+72 p. (Land and Natural Resources Division.) † ● Item 717-A
L.C. card 72-600724 J 1.8/2: P 94/968

4459 United strategy for crime control. [1968.] cover title, 32 p. (Law Enforcement Assistance Administration.) † ● Item 717
L.C. card 78-600869 J 1.2: C 86/10

LABOR DEPARTMENT
Washington, DC 20210

4460 Administration of welfare and pension plans disclosure act, calendar year 1968, annual report of Secretary of Labor to Senate and House of Representatives pursuant to the act. [1969.] [2] leaves+iii+26 p. 4° (Labor-Management Services Administration, Office of Labor-Management and Welfare-Pension Reports.) [Title on cover is: 1968 report to Congress, Welfare and Pension plans disclosure act.] † ● Item 744-B
L.C. card L 66-247 L 1.55: 968

4461 Concentrated employment program, total service for unemployed and underemployed. [1969.] [8] p. il. narrow 8° (Manpower Administration.) * Paper, 15c. ● Item 745 L 1.2: Em 7/6

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4462 Directory of predominately Negro colleges and universities in United States of America (4-year institutions only). Jan. 1969. cover title, [2] +85+[6] p. oblong 12° (Plans for Progress.) * Paper, $1.00. ● Item 746–L
L.C. card 72–600862 L 1.54 : N 31/969

4463 Help us meet the challenge, career opportunities with Department of Labor. [1968.] cover title, 28 p. il. 4° [Text and other illustrations on p. 2–3 of cover.] † ● Item 745 L 1.2 : C 18/968

4464 Making the scene in jobs, school, training, through Neighborhood Youth Corps. [Dec. 1968, published 1969.] [2]+16+[1] p. il. 4° (Manpower Administration.) † ● Item 745 L 1.2 : Sce 6

4465 Manpower development and training, preparing people for good jobs. [Jan. 1969.] [12] p. il. narrow 8° (Manpower Administration.) * Paper, 15c. ● Item 745 L 1.2 : M 31/54

4466 Manpower report of the President, including report on manpower requirements, resources, utilization, and training, transmitted to Congress Jan. 1969. [1969.] ix+[7]+253. p. il. 4° [Also issued as H. doc. 62, 91st Cong., 1st sess.] * Paper, $2.00 ● Item 746–C
L.C. card L 63–45 L 1.42/2 : 969

4467 Work incentive program, from welfare to wages. [Dec. 1968, published 1969]. [8] p. il. narrow 8° (Manpower Administration.) * Paper, 15c. ● Item 745 L 1.2 : W 89/17

LABOR STANDARDS BUREAU, Labor Dept.
Washington, DC 20210

Bulletin.

4468 314. Annual digest of state and federal labor legislation, 1967 ; [prepared by Deborah T. Bond. [1968.] x+138 p. * Paper, 65c. ● Item 763
L 16.3 : 314

LABOR STATISTICS BUREAU, Labor Dept.
Washington, DC 20210

BLS reports. L 2.71 : (nos.)

4469 336. Labor law and practice in Indonesia [with selected bibliography ; prepared by Alexander J. Bastos]. [1968.] iv+40 p. il. 1 map 4° * Paper, 50c. ● Item 768–G
L.C. card 71–600512

4470 338. Labor law and practice in Peru [with selected bibliography ; by Lynn Bartlett, jr.]. vi+76 p. il. 4° * Paper, 75c. ● Item 768–G
L.C. card 76–600516

4471 351. Sources of information on labor in Japan [prepared by Theodore Bleecker]. [Nov. 1968.] cover title, iii+15 p. 4° †
L.C. card 79–600707

Bulletins. L 2.3 : (nos.)

4472 1550–A. Employment outlook for tomorrow's jobs. [1968.] [20] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 occupational outlook handbook.] * Paper, 15c.

4473 1550–1. Employment outlook for accountants. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4474 1550–2. Employment outlook for advertising, marketing, research, public relations workers. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational handbook.] * Paper, 10c.

4475 1550–3. Employment outlook for air conditioning and heating mechanics. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4476 1550–4. Employment outlook for appliance servicemen. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4477 1550–5. Employment outlook for architects. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4478 1550–6. Employment outlook for automobile service and sales occupations: Automobile, truck, and bus mechanics, body repairmen, gas station attendants, painters, parts countermen, salesman, service advisors, upholsterers. [1968.] [23] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 15c.

Bulletins—Continued

4479 1550-7. Employment outlook for barbers, cosmetologists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook series.] * Paper, 5c.

4480 1550-8. Employment outlook for biological scientists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4481 1550-9. Employment outlook for boiler-making occupations. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4482 1550-10. Employment outlook for bookkeeping workers, office machine operators. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4483 1550-11. Employment outlook for bowling-pin-machine mechanics. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4484 1550-12. Employment outlook for bricklayers, stonemasons, marble setters, tile setters, terrazzo workers. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4485 1550-13. Employment outlook for business machine servicemen. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4486 1550-14. Employment outlook for carpenters, painters, paperhangers, glaziers. [1968.] [16] p. il. 4° (Occupational outlook reports series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4487 1550-15. Employment outlook for cement masons, plasterers, lathers. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4488 1550-16. Employment outlook for cashiers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4489 1550-17. Employment outlook for chiropractors. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4490 1550-18. Employment outlook for clergy, protestant clergymen, rabbis, Roman Catholic priests. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4491 1550-19. Employment outlook for commercial artists, industrial designers, interior designers and decorators. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook] * Paper, 10c.

4492 1550-20. Employment outlook for conservation occupations: foresters, forestry aids, range managers. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4493 1550-21. Employment outlook for counseling and placement officers: school, rehabilitation, and vocational counselors. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4494 1550-22. Employment outlook for dental hygienists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupapational outlook handbook.] * Paper, 5c.

4495 1550-23. Employment outlook for dental laboratory technicians. [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4496 1550-24. Employment outlook for dentists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4497 1550-25. Employment outlook for diesel mechanics, farm equipment mechanics. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4498 1550-26. Employment outlook for dietitians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4499 1550-27. Employment outlook for dispensing opticians, and optical mechanics. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

4500 1550-28. Employment outlook for driving occupations: Truck, bus, and taxi drivers, routemen. [1968.] [20] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 15c.

4501 1550-29. Employment outlook for earth scientists: Geologists, geophysicists, meterologists, oceanographers. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 10c.

4502 1550-30. Employment outlook for electric signs servicemen. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] * Paper, 5c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4503 1550-31. Employment outlook for electricians (construction). [1968.] 12 p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4504 1550-32. Employment outlook for electronic computer operating personnel, programers, systems analysts. [1968.] [12] p. il. 4° (Occupational outlook reports series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4505 1550-33. Employment outlook for engineers, aerospace, agricultural, ceramic, chemical, civil, electrical, industrial, mechanical, metalurigical, mining. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4506 1550-34. Employment outlook for factory operatives, assemblers, electroplaters, inspectors, power truck operators, production painters. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4507 1550-35. Employment outlook for F.B.I. special agents. [1968.] [8] p. il. 4° (Occupational outlook reports series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4508 1550-36. Employment outlook for firefighters, policemen, and policewomen. [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4509 1550-37. Employment outlook for floor covering installers. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational handbook.] • Paper, 10c.

4510 1550-38. Employment outlook for forging occupations, blacksmiths. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4511 1550-39. Employment outlook for furniture upholsterer. [1968.] [6] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4512 1550-40. Employment outlook for home economists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4513 1550-41. Employment outlook for private household workers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4514 1550-42. Employment outlook for hospital administrators. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4515 1550-43. Employment outlook for laborers (construction). [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4516 1550-44. Employment outlook for landscape architects. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4517 1550-45. Employment outlook for lawyers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4518 1550-46. Employment outlook for librarians. [1968.] [8] p. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4519 1550-47. Employment outlook for machining occupations, instrument makers, machinists, machine tool operators, tool and die makers, setup men, layout men. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4520 1550-48. Employment outlook for maintenance electricians, industrial machinery repairmen, millwrights. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4521 1550-49. Employment outlook for mathematics and related fields, mathemeticians, statisticians, actuaries. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 10c.

4522 1550-50. Employment outlook for medical record librarians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4523 1550-51. Employment outlook for medical technologists, medical laboratory assistants. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4524 1550-52. Employment outlook for medical X-ray technicians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4525 1550-53. Employment outlook for motion picture projectionists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

4526 1550-54. Employment outlook for newspaper reporters, technical writers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968-69 Occupational outlook handbook.] • Paper, 5c.

Bulletins—Continued

4527 1550–55. Employment outlook for occupational therapists, physical therapists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4528 1550–56. Employment outlook for operating engineers (construction machinery operator.) [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–60 Occupational outlook handbook.] * Paper, 10c.

4529 1550–57. Employment outlook for optometrists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4530 1550–58. Employment outlook for osteopathic physicians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4531 1550–59. Employment outlook for performing artists. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4532 1550–60. Employment outlook for personnel workers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4533 1550–61. Employment outlook for pharmacists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4534 1550–62. Employment outlook for photographers and photographic laboratory occupations. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint 1968–69 Occupational outlook handbook.] * Paper, 10c.

4535 1550–63. Employment outlook for plumbers and pipefitters, asbestos and insulating workers. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4536 1550–64. Employment outlook for printing occupations. [1968.] [20] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 15c.

4537 1550–65. Employment outlook for physical scientists: chemists, biochemists, physicists, astronomers. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4538 1550–66. Employment outlook for physicians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4539 1550–67. Employment outlook for podiatrists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4540 1550–68. Employment outlook for psychologists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4541 1550–69. Employment outlook for purchasing agents, industrial traffic managers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4542 1550–70. Employment outlook for real estate agents and brokers. [1968.] [8] p. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4543 1550–71. Employment outlook for receptionists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4544 1550–72. Employment outlook for recreation workers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4545 1550–73. Employment outlook for registered professional nurses, licensed practical nurses, hospital attendants. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4546 1550–74. Employment outlook for salesmen and saleswomen in retail stores, salesmen in wholesale trade, manufacturers' salesmen. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4547 1550–75. Employment outlook for sanitarians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4548 1550–76. Employment outlook for securities salesmen. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4549 1550–77. Employment outlook for shipping and receiving clerks. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4550 1550–78. Employment outlook for sheetmetal workers, roofers. [1968.] [14] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4551 1550–79. Employment outlook for shoe repairmen. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4552 1550–80. Employment outlook for social scientists, athropologists, economists, geographers, historians, political scientists, sociologists. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint 1968–69 Occupational outlook handbook.] * Paper, 10c.

4553 1550–81. Employment outlook for social workers. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4554 1550–82. Employment outlook for speech pathologists and audiologist. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4555 1550–83. Employment outlook for stationary engineers, stationary firemen. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4556 1550–84. Employment outlook for stenographers and secretaries, [and] typists. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4557 1550–85. Employment outlook for structural and other iron workers, [and] elevator constructors. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4558 1550–86. Employment outlook for surveyors. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4559 1550–87. Employment outlook for teachers. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4560 1550–88. Employment outlook for technicians, engineering and science, [and] draftsmen. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4561 1550–89. Employment outlook for television and radio service technicians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4562 1550–90. Employment outlook for urban planners. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4563 1550–91. Employment outlook for vending machine mechanics. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4564 1550–92. Employment outlook for veterinarians. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4565 1550–93. Employment outlook for which repairmen, jewelers and jewelry repairmen, instrument repairmen. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4566 1550–94. Employment outlook for welders, oxygen and arc cutters. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4567 1550–95. Employment outlook for agriculture. [1968.] [16] p. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4568 1550–96. Employment outlook for aircraft missiles. and spacecraft manufacturing occupations. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10.

4569 1550–97. Employment outlook for a aluminum industry. [1968.] [10] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4570 1550–98. Employment outlook for apparel industry. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4571 1550–99. Employment outlook for atomic energy field. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4572 1550–100. Employment outlook for baking industry. [1968.] [8] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 5c.

4573 1550–101. Employment outlook for banking. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4574 1550–102. Employment outlook for civil aviation. [1968.] [20] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 15c.

4575 1550–103. Employment outlook for electric power. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4576 1550–104. Employment outlook for electronics manufacturing occupations. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4577 1550–105. Employment outlook for foundry occupations. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from [1968–69 Occupational outlook handbook.] * Paper, 10c.

Bulletins—Continued

4578 1550–106. Employment outlook for government occupations. [1968.] [14] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4579 1550–107. Employment outlook for hotels. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4580 1550–108. Employment outlook for industrial chemical industry. [1968.] [10] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4581 1550–109. Employment outlook for insurance occupations. [1968.] [11] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4582 1550–110. Employment outlook for iron and steel industry [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4583 1550–111. Motor vehicle and equipment manufacturing. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4584 1550–112. Employment outlook for petroleum and natural gas production and processing occupations. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4585 1550–113. Employment outlook for pulp, paper, and allied products industry. [1968.] [10] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4586 1550–114. Employment outlook for post office occupations. [1968.] [11] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4587 1550–115. Employment outlook for radio and television broadcasting. [1968.] 16 p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4588 1550–116. Employment outlook for railroad. [1968.] [24] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 15c.

4589 1550–117. Employment outlook for restaurant occupations. [1968.] [12] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4590 1550–118. Employment outlook for telephone occupations. [1968.] [16] p. il. 4° (Occupational outlook report series.) [Reprint from 1968–69 Occupational outlook handbook.] * Paper, 10c.

4591 1562. Industrial wage survey; Hosiery, Sept. 1967; pt. 1, women's, pt. 2, men's, pt. 3, children's. Dec. 1968. vi+67+[2] p. 4° * Paper, 70c. ● Item 768

4592 1575–86. Area wage survey: Allentown-Bethlehem-Easton, Pa.-N.J., metropolitan area. June 1968. Dec. 1968 iii+30 p. oblong 8° * Paper, 40c. ● Item 768
L.C. card L66–102

4593 1584. Employee earnings and hours in retail trade, June 1966. Nov. 1968. vi+86 p. 4° * Paper, $1.00. ● Item 768
L.C. card 68–61967

4594 1594. Industrial wage survey, men's and boy's suits and coats. Apr. 1967. 1968. vi+76+[2] p. 4° * Paper, 75c. ● Item 768
L.C. card L59–1

4595 1599. Occupational employment patterns for 1960 and 1975. study sponsored by Manpower Administration. Dec. 1968. vii+283 p. 4° * Paper, $2.25. ● Item 768
L.C. card 72–600708

4596 1604. Wage chronology: Federal classification act employees, 1924–68. Dec. 1968. v+70 p. 4° * Paper, 70c. ● Item 768
L.C. card 76–600736

4597 1617. National survey of professional, administrative, technical, and clerical pay, accountants and auditors, attorneys, personnel management, buyers, engineers and chemists, engineering technicians, draftsmen, office clerical, June 1968. Jan. 1969. v+80+[2] p. 4° * Paper, 75c. ● Item 768
L.C. card L61–4

4598 1625–9. Area wage survey: Oklahoma City, Okla., metropolitan area, July, 1968. Dec. 1968. iii+15 p. oblong 8° * Paper, 30c. ● Item 768
L.C. card L66–31

4599 1625–11. Area wage survey: Little Rock-North Little Rock, Ark., metropolitan area, July 1968. Dec. 1968. iii+25 p. oblong 8° * Paper, 35c. ● Item 768
L.C. card L66–42

4600 1625–12. Area wage survey: Scranton, Pa., metropolitan area, July 1968. Dec. 1968. iii+25 p. oblong 8° * Paper, 35c. ● Item 768
L.C. card L66–32

4601 1625–13. Area wage survey: Raleigh, N.C., metropolitan area, Aug. 1968. Dec. 1968. iii+26 p. oblong 8° * Paper, 35c. ● Item 768
L.C. card L66–34

4602 1625–15. Area wage survey: Boston, Mass., metropolitan area, Sept. 1968. Jan. 1969. vi+41 p. oblong 8° * Paper, 50c. ● Item 768
L.C. card L66–44

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4603 1625-16. Area wage survey: Davenport-Rock Island-Moline, Iowa-Ill., metropolitan area, Oct. 1968. Jan. 1969. iii+16 p. oblong 8° * Paper, 30c. ● Item 768
L.C. card L66-39

4604 1625-17. Area wage survey: Kansas City, Mo.-Kans., metropolitan area, Sept. 1968. Jan. 1969. iv+33 p. oblong 8° * Paper, 45c. ● Item 768
L.C. card L66-66

4605 Jobs for which apprenticeship training is available. [1968.] [10] p. il. narrow 8° * Paper, $6.75 per 100; single copy, 10c. ● Item 769
L 2.2: J 57/6

4606 Jobs for which college education is usually required. [1968.] [10] p. il. narrow 8° * Paper, $6.75 per 100; single copy, 10c. ● Item 769
L 2.2: J 57/5

4607 Jobs for which high school education is generally required. [1968.] [10] p. il. narrow 8° * Paper, $6.75 per 100; single copy, 10c. ● Item 769
L 2.2: J 57/3

4608 Jobs for which high school education is preferred, but not essential. [1968.] [10] p. il. narrow 8° * Paper, $6.75 per 100; single copy, 10c. ● Item 769 L 2.2: J 57/2

4609 Jobs for which junior college, technical institute, or other specialized training is usually required. [1968.] [6] p. il. narrow 8° * Paper, $5.50 per 100; single copy, 10c. ● Item 769 L 2.2: J 57/4

LAKE SURVEY (Army), Defense Dept.
630 Federal Bldg., Detroit, MI 48226

Basic data report BD (series).

4610 5-4. Great Lakes ice cover, winter 1967-68; by Donald R. Rondy. Sept. 1968. cover title, [2]+iii+10+[2] p. 47 pl. 4° † U.S. Army Engineer District, Lake Survey District, Corps of Engineers, 630 Federal Building, Detroit, MI 48226 D 103.211: 5-4

Research report RR (series).

4611 5-4. Great Lakes solar altitude charts and tables [with list of references]; by S. J. Bolsenga. Nov. 1968. iv+5+[102] p. il. 4° † Lake Survey District, Corps of Engineers, 630 Federal Building, Detroit, MI 48226
D 103.209: 5-4

LIBRARY OF CONGRESS
Washington, DC 20540

4612 Half century of Soviet serials 1917-68, bibliography and union list of serials published in USSR; compiled by Rudolf Smits. 1968. (Reference Department.) * Cloth, $16.00 per set of 2 vols. (sold in sets only). ● Item 818-B
L.C. card 68-62169 LC 29.2: So 8/3/v.1-2

v. 1. A-N xv+1-860 p. 4°
v. 2. O-Z. xiii+861-1520A, 1521-1661 p. 4°

4613 National register of microform masters; 1968. x+369 p. (Library of Congress catalogs.) [Prepared in Union Catalog Division.] † Paper, $5.00, Card Division, Building 159, Navy Yard Annex, Washington, DC 20541.
L.C. card 65-29419 LC 30.8/8: 968

4614 Procurement of library materials in Federal government, orientation aid; prepared by Leslie K. Falk. 1968 [6]+42 p. 4° ([FLC publication 1]; Federal Library Committee.) * Paper, 50c. ● Item 785-B
L.C. card 68-62486 LC 1.32/2: L 61

MARINE CORPS (Navy), Defense Dept.
Washington, DC 20350

Marine Corps historical reference pamphlet. (Historical Branch, G-3 Division.)

4615 United States Marine Corps in the World War; by Edwin N. McClellan. [First printed 1920, facsimile reprinted 1968.] [1968.] v+109 p. il. 4° † D 214.14/2: W 89

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept.
Washington, DC 20350

4616 Manual of Medical Department, page change 48, Dec. 19, 1968. [1969.] [33] p. 4° [Issued in looseleaf form.] ‡ D 206.8/2 : 952/ch.48

4617 Navy flight surgeon, who, what, why, where, how, when. [Revised] 1968. [1968.] 11 p. il. (NAVMED P-5077.) † ● Item 385 D 206.2 : Su 7/968

MILITARY HISTORY, OFFICE OF CHIEF OF (Army), Defense Dept.
Washington, DC 20315

4618 United States Army in World War II : War Department [v. 8], Global logistics and strategy, 1943–45 [with bibliographical note and guide to footnotes] ; by Robert W. Coakley and Richard M. Leighton. [1st printing.] 1968. xxiii+889 p. il. 3 maps, 1 is in pocket, large 8° [Map in pocket is colored.] * Cloth, $10.50. ● Item 345
L.C. card 68-60002 D 114.7 : W 19/v.8

MINES BUREAU, Interior Dept.
Washington, DC 20240

Bulletin.

4619 648. X-ray studies of coal and carbonaceous materials ; by Sabri Ergun. [1968.] iii+35 p. il. 4° * Paper, 45c. ● Item 636
L.C. card 75-600706 I 28.3 : 648

Information circulars. I 28.27 : (nos.)

4620 8399. Computer usage for evaluation of design parameters and cost of heat exchangers, with no change in phase and tube side pumping costs as prize parameters ; by P. R. Jones and S. Katell. [Jan. 1969.] [2]+iii+67 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213 ● Item 637-A

4621 8400. Angular positions of X-ray emisison lines of elements for common analyzing crystals ; by Martin Berman and Sabri Ergun. [1969.] [3]+309 p. il. 4° * Paper, $2.25. ● Item 637-A

4622 8405. Factors in selecting and applying commercial explosives and blasting agents [with list of references] ; by Richard A. Dick. [1968.] [2]+ii+30 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4623 Mineral industry of Japan ; [by B. H. Lim, R. A. Pense, and K. P. Wang]. [1968.] [2]+26 p. [Preprint from Minerals yearbook, 1967.] * Paper, 20c. I 28.37/a 2 : J 271/967

4624 Mineral industry of Oklahoma ; [by Robert B. McDougal and William E. Ham]. [1968.] [2]+17 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28.37/a 2 : Ok 4/967

4625 Mineral industry of other areas of Africa ; [by Henry E. Stipp and Eugene R. Slatick]. [1969.] [2]+40 p. [Preprint from Minerals yearbook, 1967.] * Paper, 20c. I 28.37/a 2 : Af 83/3/967

4626 Mineral industry of Pennsylvania ; [by Charles C. Yeloushan]. [1968.] [2]+20 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28.37/a 2 : P 38/967

4627 Mineral industry of Southern Rhodesia ; by E. Shekarchi. [1968.] [2]+10 p. [Preprint from Minerals Yearbook, 1967.] * Paper, 10c. I 28.37/a 2 : So 88r/967

4628 Mineral industry of Tennessee ; [by Doss H. White, jr., and William D. Hardeman]. [1968.] [2]+16 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28.37/a 2 : T 25/967

4629 Mineral industry of Texas ; [by F. F. Netzeband and Roselle Girard]. [1968.] [2]+39 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 20c. I 28.37/a2 : T 31/967

4630 Mineral industry of West Virginia ; [by Meherwan C. Irani]. [1968.] [2]+14 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a2 : W 52v/967

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4631 Mineral industry of Zambia; [by E. Shekarchi]. [1968.] [2]+7 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a2 : Z 1/967

4632 Minerals in world economy; [by E. J. Gealy and C. L. Kimbell]. [1969.] [2]+47 p. [Preprint from Minerals yearbook, 1967.] * Paper, 25c. I 28.37/a2 : W 893/967

4633 Minerals yearbook, 1967: v. 1-2, Metals, minerals, and fuels; prepared by staff of Bureau of Mines. [1968.] ix+1262 p. il. [Also issued as H. doc. 232, 90th Cong., 2d sess.] * Cloth, $6.25. ● Item 639
L.C. card 33-26551 I 28.37 : 967/v.1,2

Petroleum products survey (series). (Mineral industry surveys.) ● Item 642-A I 28.18/3 : (nos.)

4634 57. Diesel fuel oils, 1968; [by D. C. Blade]. Dec. 1968. [1]+32 p.+[5] leaves il. 4° † Mines Bureau, Pittsburgh, PA 15213.
L.C. card 60-64432

4635 58. Motor gasolines, summer 1968; [by O. C. Blade]. Jan. 1969. cover title, [1]+38 p. 4 pl. map, 4° † Mines Bureau, Pittsburgh, PA 15213.

Report of investigations. ● Item 637-A I 28.23 : (nos.)

4636 7212. Electrowinning aluminum from aluminum chloride, operation of 2 compartment cell [with list of references]; by E. L. Singleton, D. E. Kirby, and T. A. Sullivan. [Dec. 1968.] [3]+15 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4637 7213. Recovery of hydrofluoric acid from waste fluosilicic acid, preliminary studies [with list of references]; by Philip C. Good and Jack E. Tress. [Dec. 1968.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4638 7216. Preparation characteristics of coal from Clay, Gilmer, and Lewis Counties, W. Va.; by J. E. Zeilinger. [Jan. 1969.] [2]+iii+40 p. il. 4° [Includes list of other Bureau of Mines publications in this series.] † Mines Bureau, Pittsburgh, PA 15213

4639 7217. Heats of formation of chromium carbides [with list of references]; by Alla D. Mah. [Jan. 1969.] [3]+9 p. 4° † Mines Bureau, Pittsburgh, PA. 15213

4640 7218. Copper removal from steel scrap by thermal treatment, feasibility study [with list of references]; by R. R. Brown and F. E. Block. [3]+15 p. il. 4° † Mines Bureau, Pittsburgh, PA 15123

4641 7220. Load loss from rock-bolt anchor creep; by Edward W. Parsons and Lars Osen. [Jan. 1969.] [3]+26 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4642 7221. Beneficiation of titanium chlorination residues, preliminary study [with bibliography]; by C. C. Merrill, M. M. Wong and D. D. Blue. [Feb. 1969.] [3]+7 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4643 7222. Some strain-aging effects in electrorefined vanadium [with list of references]; by G. H. Keith and H. G. Iverson. [Feb. 1969.] [3]+26 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4644 7223. Face ventilation in underground bituminous coal mines, airflow and methane distribution patterns in immediate face area-line brattice; by James V. Luxner. [1969.] [3]+16 p. il. 4° † Mines Bureau, Pittsburgh, PA 15123

4645 7224. Near-surface horizontal stresses including effects of rock anisotropy [with list of references]; by Verne E. Hooker and Charles F. Johnson. [Feb. 1969.] [3]+29 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4646 7225. Joining refractory metal compounds by hot pressing [with list of references]; by John E. Kelley, Donald H. Sumner, and Hal J. Kelly. [Feb. 1969.] [2]+ii+26 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4647 7226. Beneficiation of ferrochromium by molten salt electrolysis; by F. R. Cattoir and T. A. Sullivan. [Feb. 1969.] [2]+ii+26 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4648 7227. Improved Eluex process for eluting uranium from ion exchange resins; by D'Arcy R. George and J. Richard Ross. [Feb. 1969.] [3]+10 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4649 7229. Effect of varied extrusion temperature on properties of zinc-copper-titanium alloy [with list of references]; by L. A. Neumeier and J. S. Risbeck. [Feb. 1969.] [2]+ii+22 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4650 7231. Pyrite size distribution and coal-pyrite particle association in steam coals, correlation with pyrite removal by float-sink methods [with list of references]; by James T. McCartney, H. J. O'Donnell, and Sabri Ergun. [Feb. 1969.] [3]+18 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4651 7232. Liquidus temperatures of titaniferous slags: 3, production of nominal slag compositions; by Wesley T. Holmes II and William A. Stickney. [Feb. 1969.] [3]+21 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4652 7234. Influence of spherical head size and specimen diameters on uniaxial compressive strength of rocks [with list of references]; by John R. Hoskins and Frank G. Horino. [Jan. 1969.] [3]+16 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

4653 7235. Use of antifissurants in making better coke from Sunnyside coal from Utah; by Milan J. Kovalik [and others]. [Feb. 1969.] [3]+15 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

MOTOR CARRIER SAFETY BUREAU, Transportation Dept.
Washington, DC 20591

4654 1967 accidents of large motor carriers of property. Dec. 1968. 12 p. il. 4° [Interstate motor carriers with annual operating revenues of $200,000 or more.] † TD 2.310 : 967

Motor carrier accident investigation reports. † TD 2.309 : (nos.)

4655 68-8. North American Van Lines, Inc., accident, Aug. 10, 1968, Liberal, Kans. [1969.] 10 p. il. 4°

4656 68-9. Oklahoma Transportation Co. and Kansas, Oklahoma and Gulf Railway, accident, Oct. 9, 1968, Calvin, Okla. [1969.] 7 p. il. 4°

4657 Selected safety road checks, motor carriers of property, Jan.-June 1968. [1968.] [1]+2 p. 8 tab. 4° † TD 2.302 : R 53/968

NATIONAL ADVISORY COUNCIL ON EDUCATION OF DISADVANTAGED CHILDREN
1900 E Street, N.W. Washington, DC 20415

NOTE.—The National Advisory Council on Education of Disadvantaged Children was established by Public law 89-10, approved Apr. 11, 1965.

4658 Title 1, ESEA, review and forward look, 1969, 4th annual report. [1969.] cover title, iii+70+[20] p. 4° [Illustrations on front and back cover.] † ● Item 1089 Y 3.Ed 8/2 : 1/969

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Washington, DC 20546

4659 Government-Industry System Safety Conference, Goddard Space Flight Center, Greenbelt, Md., May 1-3, 1968. [1969.] cover title, 426 p .il. 4° [Sponsored by NASA Safety Office, National Aeronautics and Space Administration, Washington, D.C.] * Paper, $3.75. ● Item 830-C L.C. card 77-600795 NAS 1.2 : Sa 1/968

NASA contractor report CR (series). NAS 1.26 : (nos.)

4660 1178. Some equilibrium and free vibration problems associated with centrifugally stabilized disk and shell structures, by Walter Eversman, errata. [Jan. 31, 1969.] [1] p. 4° †

4661 1209. Roll and yaw compensation feasibility study [with list of references]; by P. D. Fremming. Jan. 1969. cover title, ix+104 p. il. 4° [Prepared under contract NAS 1-5592 by Ling-Temco-Vought Corporation, Dallas, Tex. Issued by originator as report 3-32000/TR-36.] Φ Paper, $3.00.

4662 1215. Structural synthesis of ablating thermostructural panel [with list of works cited]; by William A. Thornton and Lucien A. Schmit, jr. Dec. 1968. cover title, xi+195 p. il. 4° [Prepared under grant NsG 110-61 by Case Western Reserve University, Cleveland, Ohio.] Φ Paper, $3.00.

4663 1224. Inverter-converter parallel operation [with list of references]; by G. W. Ernsberger, H. R. Howell, and J. L. Klingenberger. Jan. 1969. cover title, v+103 p. il. 4° [Prepared under contract NAS 3-2792 by Westtinghouse Electric Corporation, Lima, Ohio.] Φ Paper, $3.00.

4664 1226. Evaluation of magnetic materials for static inverters and converters [with list of references]; by R. M. Frost, R. E. McVay, and D. M. Pavlovic. Feb. 1969. cover title, v+171 p. il. 4° [Prepared under contract NAS 3-2792 by Westinghouse Electric Corporation, Lima, Ohio.] Φ Paper, $3.00.

4665 1227. Method for predicting launch vehicle vibration levels in region of spacecraft adaptor [with list of references]; by A. G. Piersol, and W. F. Van Der Laan. Jan. 1969. cover title, vi+110 p. il. 4° [Prepared under contract NAS 1-7490 by Measurement Analysis Corpoartion, Los Angeles, Calif. Issued by originator as report MAC 709-10.] Φ Paper, $3.00

4666 1229. Brayton-cycle turbomachinery rolling-element bearings [with list of references]; by R. Cohen, H. Means, and P. Heyl. Jan. 1969. cover title, xiv+276 p. il. 4° [Prepared under contract NAS 3-7635 by United Aircraft Corporation, East Hartford, Conn.] Φ Paper, $3.00.

4667 1233. Lunar gravity simulator, v. 1. Nov. 1968. cover title, iv+33 p. il. 4° ([Prepared under contract NAS 1-7459 by Case Western Reserve University, Cleveland, Ohio.]) Φ Paper, $3.00.

4668 1234. Lunar gravity simulator, v. 2 [with list of references]; by Richard J. Morgen. Dec. 1968. cover title, xii+131 p. il. 4° (Prepared under contract NAS-1-7459 by Case Western Reserve University, Cleveland, Ohio.]) Φ Paper, $3.00.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4669 1238. Measurement of pilot describing functions in single-controller multiloop tasks [with list of references]; by Robert L. Stapleford, Samuel J. Craig, and Jean A. Tennant. Jan. 1969. cover title, xii+95 p. il. 4° [Prepared under contract NAS 2-3144 by Systems Technology, Inc., Hawthorne, Calif.] ⊕ Paper, $3.00.

4670 1240. Study of advanced electronic applications to aeronautical display and control problems [with bibliography]; by G. B. Litchford. Jan. 1969. cover title, vi+134 p. il. 4° [Prepared under contract NASw-1541 by Litchford Systems, Northport, N.Y.] ⊕ Paper, $3.00.

4671 1241. Bossler coupling [with list of references]; by R. J. Mayerjak and R. B. Bossler, jr. Jan. 1969. cover title, xi+110 p. il. 4° [Prepared under contract NASw-1554 by Kaman Corporation,, Bloomfield, Conn. Issued by originator as Kaman Report R-741.) ⊕ Paper, $3.00.
L.C. card 77-600630

4672 1248. Proprioceptive cues and their influence on operator performance in manual control [with list of references]; by James Herman Herzog. Jan. 1969. cover title, xviii+160 p. il. 4° [Prepared under contract NASr 54(06) by University of Michigan, Ann Arbor, Mich.] ⊕ Paper, $3.00.
L.C. card 75-600686

4673 1252. Force penetration characteristics of a sand horizontally penetrated by plates, cones, and spherical segments [with list of references]; by Paul A. Hustad and William R. Cox. Jan. 1969. cover title, xx+198 p. il. 4° [Prepared under grant NsG-604 by University of Texas at Austin, Austin, Tex.] ⊕ Paper, $3.00.

4674 1253. Satellite applications to marine geodesy [with list of references]; by A. G. Mourad [and others]. cover title, [154] p. il. 4° [Prepared under contract NASr-100 (11) by Battelle Memorial Institute, Columbus, Ohio.] ⊕ Paper, $3.00.
L.C. card 78-600763

4675 1257. Shear strain properties to 10-10 of selected optical materials [with list of references]; by William A. Eul and W. William Woods. Jan. 1969. cover title, vii+71 p. il. 4° [Prepared under contract NAS 1-7627 by Boeing Company Seattle, Wash.] ⊕ Paper, $3.00.
L.C. card 70-600612

4676 1259. Study of human operator of performance using regression analysis [with list of references]; August L. Burgett. Jan. 1969. cover title, xv+179 p. il. 4° [Prepared under contract NASr 54(06) by University of Michigan, Ann Arbor, Mich.] ⊕ Paper, $3.00.

4677 1260. Superconductive magnet system, 14-Telsa, 15-cm-bore [with list of references]; by E. R. Schrader and P. A. Thompson. Jan. 1969. cover title, ix+53 p. il. 4° [Prepared under contract NAS 3-7101 by Radio Corporation of America, Harrison, N.J.] ⊕ Paper, $3.00.

4678 1262. Human survival in aircraft emergencies [with list of references]; by Charles A. Yost and Ronald W. Oates. Jan. 1969. cover title, ix+55 p. il. 4° [Prepared under contract NASw-1530 by Stencel Aero Engineering Corporation. Asheville, N.C.] ⊕ Paper, $3.00.
L.C. card 73-600656

4679 1263. Sensitivity of the creep-rupture properties of nickel-base superalloy sheet to sharp edge-notches in temperature range of 1000°-1400° F. [with list of references]; by David J. Wilson, James W. Freeman and Paul D. Goodell. Jan. 1969. cover title, ix+38 p. il. 4° [Prepared under grant NsG-124 by University of Michigan, Ann Arbor, Mich.] ⊕ Paper, $3.00.

4680 1265. Effect of shock precursor heating on radiative flux to blunt bodies [with list of references]; by L. E. Lasher and K. H. Wilson. Feb. 1969. cover title, v+20 p. il. 4° [Prepared under contract NAS 7-509 by Lockheed Misalles & Space Company, Palo Alto, Calif.] ⊕ Paper, $3.00.

4681 1267. Experimental and theoretical analysis of convected balanced arc [with list of references]: by Leland Malcolm Nicholai. Feb. 1969. cover title, xvi +179 p. il. 4° [Prepared under grant NGR 23-005-128 by University of Michigan, Ann Arbor, Mich.] ⊕ Paper, $3.00.

4682 1270. Human intelect augmentation techniques [with list of references]; by D. C. Engelbart. Jan. 1969. cover title, xiii+70 p. il. 4° [Prepared under contract NAS 1-5904 by Stanford Research Institute, Menlo Park, Calif.] ⊕ Paper, $3.00.
L.C. card 71-600685

4683 1271. Use of thermodynamic properties of metal-gas systems as reduced-pressure standards [with list of references and bibliography]; by Charles E. Lunlin. Jan. 1969. cover title, iii+34 p. il. 4° [Prepared under contract NAS 1-7391 by University of Denver, Denver, Colo.] ⊕ Paper, $3.00.
L.C. card 70-600631

4684 1274. Fundamental study of predictive display systems [with bibliography]; by John DeShon Warner. Feb. 1969. cover title, xviii+185 p. il. 4° [Prepared under contract NASr 54(06) by University of Michigan, Ann Arbor, Mich.] ⊕ Paper, $3.00.

4685 1275. Evaluation of Goddard Research and Engineering Management Exercise simulation; by A. J. Rowe, P. Gruendeman, and D. McConaughy. Feb. 1969. cover title, v+93 p. il. 4° [Prepared under grant NSR 05-018-089 by University of Southern California, Los Angeles, Calif.] ⊕ Paper, $3.00.

4686 1277. Review of physiological measurement tecrniques for applicability to space flight conditions [with list of references]; by T. M. Fraser. Feb. 1969. title, vii+245 p. il. 4° [Prepared under contract NASr-115 by Department of Aerospace Medicine and Bioastronautics, Lovelace Foundation, Albuquerque, N. Mex.] ⊕ Paper, $3.00.

⊕For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

334-546—69—No. 890——6

NASA contractor report CR (series)—Continued

4687 1280. General instability of eccentrically stiffened cylindrical shells under axial compression and lateral pressure [with list of references]; by John N. Dickson and Richard H. Brolliar. Jan. 1969. cover title, xii+108 p. il. 4° [Prepared under contract NAS 8-20073 by Brown Engineering, a Teledyne Company, Huntsville, Ala.] ✠ Paper, $3.00.

4688 1286. Theoretical comparison of beads, wires, and films as rocketsonde temperature sensors in mesosphere [with list of references]; by Forrest L. Staffanson. Feb. 1969. cover title, v+48 p. il. 4° [Prepared under grant NGR-45-003-025 by University of Utah, Salt Lake City, Utah. Issued by originator as report UTEC MR-67-055.] ✠ Paper, $3.00.

4689 1294. Family of solutions of certain nonautonomous differential equations by series of exponential functions [with list of references]; by T. G. Proctor and H. H. Suber. Feb. 1969. cover title, iii+24 p. il. 4° [Prepared under grant NGR-41-001-016 by Clemson University, Clemson, S.C.] ✠ Paper, $3.00.

4690 NASA contractors trim cost. Oct. 1968 edition. [1968.] cover title, [3]+52 p. 4° (NHB 1460.11.) † ● Item 830-F NAS 1.18: C 82/968

NASA EP (series). ● Item 830-G NAS 1.19:(nos.)

4691 46. Medical benefits from space research. [1968.] cover title, [16] p. il. 4° * Paper, 30c.

4692 66. Apollo 8, man around the moon. [1968.] cover title, 24 p. il. 4° ([Office of Public Affairs.]) [Text and other illustrations on p. 1-4 of cover. Some illustrations are colored.] * Paper, 50c.

NASA SP (series). NAS 1.21:(nos.)

4693 175. EXAMETNET data report series: [Experimental InterAmerican Meteorological Rocket Network] annual report, 1966. 1968. ix+111+A 73 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Prepared under contract for NASA's Wallops Station and EXAMETNET Executive Committee by Shellenger Research Laboratories, University of Texas at El Paso. Foreword is in English, Spanish, and Portuguese.] ✠ Paper, $3.00.
L.C. card 75-600860

4694 179. Book of Mars [with lists for further information]; by Samuel Glasstone. 1968 [published 1969]. vii+315 p. il. large 8° (Scientific and Technical Information Division, Office of Technology Utilization.) [One illustration is colored.] * Cloth, $5.25. ● Item 830-I
L.C. card 68-62244

4695 3046. Real-gas effects in critical flow through nozzles and thermodynamic properties of nitrogen and helium at pressures to 300 x 10^5 newtons per square meter (approx. 300 atm) [with list of references]; by Robert C. Johnson. 1968. [1]+201 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) ✠ Paper, $3.00.
L.C. card 78-600704

4696 5050. Correction, NASA contributions to development of special purpose thermocouples, survey, by C. Eugene Moeller, Michael Noland, and B. L. Rhodes, Oct. 1968. [Jan. 28, 1969.] 1 p. 4° †
L.C. card 71-600705

4697 5051. Metallurgy, behavior, and application of 18-percent nickel maraging steels, survey [with bibliographies]; by A. M. Mall and C. J. Slunder. 1968. v+137 p. il. 4° ([Technology Utilization], Technology Utilization Division, Office of Technology Utilization.) [Prepared under contract for NASA by Battelle Memorial Institute, Columbus Laboratories.] * Paper, $1.50. ● Item 830-I
L.C. card 68-61419

4698 5054. NASA contributions to bioinstrumentation systems, survey [with bibliographies]; by Gershon Weltman [and others]. 1968 [published 1969]. v+97 p. il. 4° ([Technology utilization]; Technology Utilization Division, Office of Technology Utilization.) [Prepared under contract for NASA by Spacelabs, Inc.] * Paper, $1.00. ● Item 830-I
L.C. card 68-61718

NASA technical note TN (series). NAS 1.14: D-(nos.)

4699 D-4702. Prediction of fatigue-crack-propagation behavior in panels with simulated rivet forces, by I. E. Figge and J. C. Newman, jr., Aug. 1968, errata. [Jan. 31, 1969.] [1] p. 4° †

4700 D-4785. Precision flow measurement techniques for low-thrust auxiliary-propulsion liquid rockets [with list of references]; by Daniel J. Grant. Jan. 1969. cover title, iii+20 p. il. 4° ✠ Paper, $3.00.

4701 D-4852. Planetary probe guidance accuracy influence factors for conjunction-class missions [with list of references]; by Thomas B. Murtagh. Jan. 1969. cover title, v+36 p. il. 4° ✠ Paper, $3.00.

4702 D-4881. Nimbus II flight evaluation and engineering report, launch through orbit 5275 [with list of references]; by Joseph J. McNaney, Bennie A. Palmer, and Ralph Shapiro. Feb. 1969. cover title, viii+188 p. il. 4° ✠ Paper, $3.00.

4703 D-4885. Absorption rate sticking probabilities for oxygen on columbium and dilute columbium-zirconium alloys, by Charles A. Barrett. Nov. 1968, errata. [Jan. 31, 1969.] [1] p. 4° †

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4704 D-4891. Prediction of lift and drag for slender sharp-edge delta wings in ground proximity [with list of references]; by Charles H. Fox, jr. Jan. 1969. cover title, [1]+33 p. il. 4° Φ Paper, $3.00.

4705 D-4942. Matched conic solutions to round-trip interplanetary trajectory problems that insure state-vector continuity at all boundaries [with list of references]; by Victor R. Bond. Jan. 1969. cover title, iii+31 p. il. 4° † Paper, $3.00.

4706 D-4959. Heat-transfer coefficients for hydrogen flowing through parallel hexagonal passages at surface temperatures to 2275 K [with list of references]; by Jack G. Slaby and William F. Mattson. Dec. 1968. cover title, ii+22 p. il. 4° Φ Paper, $3.00.

4707 D-4962. Examples of coding schemes based on strategic value [with bibliography]; by W. W. Happ. Jan. 1969. cover title, [1]+16 p. 4° Φ Paper, $3.00.

4708 D-4963. Influential aspects of atmospheric disturbances on space vehicle design using statistical approaches for analysis [with list of references]; by Robert S. Ryan and Alberta W. King. Jan. 1969. cover title, viii +112 p. il. 4° Φ Paper, $3.00.

4709 D-4971. Evaluation of results of round robin analysis for oxygen in potassium and sodium [with list of references]; by Glenn R. Zellars and Charles A. Barrett. Dec. 1968. cover title, ii+36 p. il. 4° Φ Paper, $3.00.

4710 D-4972. Method for computation of vibration modes and frequencies of orthotropic thin shells of revolution having general meridional curvature [with list of references]; by Howard M. Adelman, Donnell S. Catherines, and William C. Walton, jr. Jan. 1969. cover title, [1]+86 p. il. 4° Φ Paper, $3.00.

4711 D-4973. Experimental study in vacuum of rate-of-rise outgassing-measurement technique [with list of references]; by Gerald L. Gregory. Jan. 1969. cover title, [1]+42 p. il. 4° Φ Paper, $3.00.

4712 D-4974. Preliminary investigation of momentum diffusion between 2 supersonic airstreams in presence of shock waves [with list of references]; by John P. Weidner and Carl A. Trexler, Jan. 1969. cover title, [1]+77 p. il. 4° Φ Paper, $3.00.

4713 D-4976. Analysis of stability of thin liquid film adjacent to high-speed gas stream [with list of references]; by Philip R. Nachtschelm. Jan. 1969. cover title, [1]+33 p. il. 4° Φ Paper, $3.00.

4714 D-4977. Research problems in atmosphere entry and landing for manned planetary missions [with list of references]; by C. A. Syvertson. Jan. 1969. cover title, [1]+32 p. il. 4° Φ Paper, $3.00.

4715 D-4980. Potential problems related to weightlessness and artificial gravity [with list of references]; by Ralph W. Stone, jr., and William M. Piland. Jan. 1969. cover title, [1]+60 p. il. 4° Φ Paper, $3.00.

4716 D-4983. Full-scale wind-tunnel investigation of static longitudinal and lateral characteristics of a light twin-engine airplane [with list of references]; by Marvin P. Fink and Delma C. Freeman, jr. Jan. 1969. [1969.] cover title, [1]+216 p. il. 4° Φ Paper, $3.00.

4717 D-4985. Analysis of nonequilibrium air streams in the Ames 1-foot shock tunnel [with list of references]; by Robert S. Hiers, jr., and John O. Reller, jr. Jan. 1969. cover title, [2]+25 p. il. 4° Φ Paper, $3.00.

4718 D-4986. Optical system for recording schlieren images with a continuous-writing ultra-high-speed framing camera [with list of references]; by Lemuel E. Mauldin III and E. Conrad Compton. Jan. 1969. cover title, [1]+31 p. il. 4° Φ Paper, $3.00.

4719 D-4989. Transport study of neutron and photon attenuation through lithium hydride and tungsten spherical media [with list of references]; by John A. Peoples and Daniel Fieno. Jan. 1969. cover title, ii+30 p. il. 4° Φ Paper, $3.00.

4720 D-4990. Effects of structural damping on flutter of stressed panels [with list of references]; by Charles P. Shore. Jan. 1969. cover title, [1]+32 p. il. 4° Φ Paper, $3.00.

4721 D-4991. Nonequilibrium calculations of methane-fluorine-oxygen and butene-1-fluorine-oxygen rcoket perfornance [with list of references]; by David A. Bittker. Jan. 1969. cover title, ii+36 p. il. 4° Φ Paper, $3.00.

4722 D-4992. Theoretical nonequilibrium performance of oxygen difluoride-diborane rocket propellant [with list of references]; by David A. Bittker. Jan. 1969. cover title, ii+25 p. il. 4° Φ Paper, $3.00.

4723 D-4993. Components of hydrogen plasma including minor species [with list of references]; by R. W. Patch. Jan. 1969. cover title, iii+93 p. il. 4° Φ Paper, $3.00.

4724 D-4994. Effect of orientation and presence of surface active materials on friction, deformation and wear of aluminum [with list of references]; by Donald H. Buckley. Jan. 1969. cover title, ii+22 p. il. 4° Φ Paper, $3.00.

4725 D-4995. Analysis and design of inductors for protecting power transistors against current surges in inverter bridge circuits [with list of references]; by Francis Gourash. Jan. 1969. cover title, ii+43 p. il. 4° Φ Paper, $3.00.

4726 D-4996. Performance of swirl-can turbojet combustors at simulated supersonic combustor-inlet conditions [with list of references]; by Helmut F. Butze, Arthur M. Trout, and Harry M. Moyer. Jan. 1969. cover title, ii+25 p. il. 4° Φ Paper, $3.00.

NASA technical note TN (series)—Continued

4727 D-4997. Error analysis of input-noise-temperature measurements of low-noise amplifiers [with list of references]; by Hans-Juergen C. Blume. Jan. 1969. cover title, [1]+38 p. il. 4° ✠ Paper, $3.00.

4728 D-5000. Hot-salt stress-corrosion of titanium alloys, generation of hydrogen and its embrittling effect [with list of references]; by Hugh R. Gray. Jan. 1969. cover title, ii+17 p. il. 4° ✠ Paper, $3.00.

4729 D-5001. Analytical study of flow reduction due to oxidation of wire-form porous sheet for transpiration cooled turbine blades [with list of references]; by Albert Kaufman. Jan. 1969. cover title, ii+20 p. il. 4° ✠ Paper, $3.00.

4730 D-5002. Rolling-element bearing life from 400° to 600° F [with list of references]; by Erwin V. Zaretsky, William J. Anderson, and Eric N. Bamberger. Jan. 1969. cover title, ii+20 p. il. 4° ✠ Paper, $3.00.

4731 D-5003. Preliminary study of effects of Reynolds number and boundary-layer transition location on shock-induced separation [with list of references]; by James A. Blackwell, jr. Jan. 1969. cover title, [1]+25 p il 4° ✠ Paper, $3.00.

4732 D-5004. Roughness drag due to two-dimensional fabrication-type surface roughness on ogive cylinder from force tests at transonic speeds [with list of references]; by K. R. Czarnecki and William J. Monta. Jan. 1969. cover title, [1]+45 p. il. 4° ✠Paper, $3.00.

4733 D-5005. Large-scale wind-tunnel investigation to improve low-speed longitudinal stability at high lift of supersonic transport with variable-sweep wings [with list of references]; by Anthony M. Cook and Dale G. Jones. Jan. 1969. cover title, [1]+55 p. il. 4° ✠ Paper, $3.00.

4734 D-5007. Human transfer characteristics in flight and ground simulation for roll tracking task [with list of references]; by Fred D. Newell and Harriet J. Smith. Feb. 1969. cover title, iii+76 p. il. 4° ✠ Paper, $3.00.

4735 D-5008. High-temperature mechanical properties of polycrystalline hafnium carbide and hafnium carbide containing 13-volume-percent hafnium diboride [with list of references]; by William A. Sanders and Hubert B. Probst. Jan. 1969. cover title, ii+20 p. il. 4° ✠ Paper, $3.00.

4736 D-5010. Tensile properties and creep strength of 3 aluminum alloys exposed up to 25 000 hours at 200° to 400° F (370° to 480° K) [with list of references]; by Dick M. Royster. Jan. 1969. cover title, [1]+42 p. il. 4° ✠ Paper, $3.00.

4737 D-5011. Two-burn escape maneuvers with an intermediate coasting ellipse [with list of references]; by Edward A. Willis, jr. Feb. 1969. cover title, ii+28 p. il. 4° ✠ Paper, $3.00.

4738 D-5012. Reactivity changes of fast reactor core due to elastic-plastic strain and creep [with list of references]; by Richard L. Puthoff. Jan. 1969. cover title, ii+36 p. il. 4° ✠ Paper, $3.00.

4739 D-5013. 1-Megawatt reactor design for Brayton-cycle space power application: 1, Thermal analysis and core design [with list of references]; by Charles L. Whitmarsh, jr. and Paul T. Kerwin. Feb. 1969. cover title, ii+43 p. il. 4° ✠ Paper, $3.00.

4740 D-5014. 1-megawatt reactor design for Brayton-cycle space power application: 2, Neutronics design [with list of references]; by Charles L. Whitmarsh, jr., and Paul T. Kerwin. Feb. 1969. cover title, ii+30 p. il. 4° ✠ Paper, $3.00.

4741 D-5016. Aerodynamic data on large semi-span tilting wing with 0.4-diameter chord, single-slatted flap, and single propeller 0.22 chord below wing [with list of references]; by Marvin P. Fink, Jan. 1969. cover title, [1]+203 p. il. 4° ✠ Paper, $3.00.

4742 D-5017. Computational method for time-optimal space rendezvous [with list of references]; by Ernest S. Armstrong and Athena T. Markos. Jan. 1969. cover title, [1]+56 p. il. 4° ✠ Paper, $3.00.

4743 D-5018. Supersonic transport operating practices during simulated operations in future air traffic control systems environments [with list of references]; by Milton D. McLaughlin and Richard H. Sawyer. Feb. 1969. cover title, [1]+63 p. il. 4° ✠ Paper, $3.00.

4744 D-5021. Mitotic synchronization of L-strain fibroblasts with 5-aminouracil as determined by time-lapse cinephotography [with list of references]; by Clarence D. Cone, jr., and Max Tongier, jr. Feb. 1969. cover title, iii+27 p. il. 4° ✠ Paper, $3.00.

4745 D-5022. Osmotically induced coalescence of sarcoma cells through intercellular bridges in vitro [with list of references]; by Clarence D. Cone, jr., and Max Tongier, jr. Feb. 1969. cover title, iii+21 p. il. 4° ✠ Paper, $3.00.
L.C. card 70-600761

4746 D-5024. Wind-tunnel study of deflected-elevator flutter encountered on t-tail airplane [with list of references]; by Maynard C. Sandford and Charles L. Ruhlin. Feb. 1969. cover title, [1]+21 p. il. 4° ✠ Paper, $3.00

4747 D-5040. Variability in sonic-boom signatures measured along 8000-foot linear array [with list of references]; by Domenic J. Maglieri, Vera Huckel and Herbert R. Henderson. Feb. 1969. cover title, [1]+56 p. il. 4° ✠ Paper, $3.00.

4748 D-5061. Analytical procedure for optimizing television systems for planetary descent missions [with list of references]; by Frederich O. Huck. Feb. 1969. cover title, [1]+26 p. il. 4° ✠ Paper, $3.00.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4749 D-5062. Requirements of Martian television experiment for 3 point-mass descent trajectories [with list of references]; by Friedrich O. Huck, Leonard P. Kopia, and Robert B. Spiers, jr. Feb. 1969. cover title, [1]+36 p. il. 4° Φ Paper, $3.00.

4750 D-5070. Ratios of steady-state responses to various transient responses both having equal maximum excitation levels [with list of references]; by Richard W. Falson. Feb. 1969. cover title, [1]+33 p. il. 4° Φ Paper, $3.00.

NASA technical report R (series). NAS 1.12:(nos.)

4751 294. Comparison of sequential decoding metrics by computer simulation [with list of references]; by Thomas V. Saliga. Jan. 1969. cover title, iv+51 p. il. 4° Φ Paper, $3.00.
L.C. card 75-600651

4752 296. Multidimensional gas flow through permeable char layers and its effects on ablation [with list of references]; by Harold G. Bush and Marvin B. Dow. Jan. 1969. cover title, [1]+39 p. il. 4° Φ Paper, $3.00.

4753 297. Investigation of optimum design and flight of rockets [with list of references]; by John D. Bird. Jan. 1969. cover title, [1]+33 p. il. 4° Φ Paper, $3.00.

4754 298. Hypervelocity impact analysis by the method of characteristics [with list of references]; by Richard Madden. Jan. 1969. cover title, [1]+44 p. il. 4° Φ Paper, $3.00.

4755 299. Solutions of blunt-body stagnation-region flows with nongray emission and absorption of radiation by time-asymptotic technique [with list of references]; by Linwood B. Callis. Jan. 1969. cover title, [1]+53 p. il. 4° Φ Paper, $3.00.

4756 300. Aerodynamic forces on stationary and oscillating circular cylinder at high Reynolds numbers [with list of references]; by George W. Jones, jr., Joseph J. Cincotta, and Robert W. Walker. Feb. 1969. cover title, iii+62 p. il. 4° Φ Paper, $3.00.

NASA technical translation TT (series). NAS 1.13/2:(nos.)

4757 F-490. Theory of motion of Planet Pluto: pt. 1, Plutonian perturbations of 1st order with respect to perturbing masses [with list of references]; by Sh. G. Sharaf. Jan. 1969. cover title, iv+142 p. 4° [Transactions of Institute of Theoretical Astronomy, v. 4, USSR Academy of Sciences Press, Moscow-Leningrad, 1955.] Φ Paper, $3.00.

4758 F-524. Aircraft navigation; by S. S. Fedchin. Feb. 1969. cover title, xvi+555 p. il. 4° [Translation of Samoletovozhdeniye, Transport Press, Moscow, 1966.] Φ Paper, $3.00.

4759 F-527. Radio bridge Earth-Moon-Earth [with list of references]; by V. Ye. Demidov. Jan. 1969. cover title, iii+42 p. il. 4° [Translation of Radiomost, 'zemlya-luna-zemlya', Znaniye Press, Moscow, 1967.] Φ Paper, $3.00.

National Space Science Data Center, NSSDC (series).

4760 69-01. Data catalog of satellite and rocket experiments. Jan. 1969. viii+171 p. 4° (Goddard Space Flight Center, Greenbelt, Md.) [Supersedes all previous editions.] † ● Item 830-T NAS 1.37:69-01

NATIONAL BUREAU OF STANDARDS, Commerce Dept.
Gaithersburg, MD 20760

Miscellaneous publication.

4761 260. Standard reference materials: [Catalog and price list of standard materials issued by National Bureau of Standards, Apr. 1, 1968], quarterly insert sheets. Nov. 1, 1968. 15 p. 4° † ● Item 247
L.C. card 64-62975 C 13.10:260/Insert 968-4

Special publications. ● Item 247 C 13.10:(nos.)

4762 260-16. Standard reference materials: Homogeneity characterization of NBS spectrometric standards 4, preparation and microprobe characterization of W-20 percent Mo alloy fabricated by powder metallurgical methods [with list of references]; by H. Yakowitz, R. E. Michaelis, and D. L. Vieth. [Jan. 1969.] viii+24 p. il. 4° (Institute for Materials Research.) * Paper, 35c.

4763 300. Precision measurement and calibration, selected NBS papers [with bibliographies].
v. 3. Electricity, low frequency; F. L. Hermach and R. F. Dziuba, editors. Dec. 1968. 489+[5] p. il. 4° [Includes compilation of previously published papers by staff of National Bureau of Standards, including selected abstracts by NBS and non-NBS authors. Supersedes in part Handbook 77, v. 2] * Cloth, $4.50.
L.C. card 68-60042

4764 304A. Brief history and use of English and metric systems of measurement with chart of modernized metric system. [1968.] [4] p. il. 4° * Paper, 20c.

Technical notes. ● Item 249-A C 13.46:(nos.)

4765 375. Tables of bias functions, B_1 and B_2, for variances based on finite samples of processes with power law spectral densities [with list of references; by] J. A. Barnes. Jan. 1969. vi+37 p. il. 4° (Time and Frequency Division, Institute for Basic Standards.) * Paper, 50c.

4766 436. Studies of calibration procedures for load cells and providing rings as weighing devices [with list of references; by] Gordon B. Anderson and Robert C. Raybold. Jan. 1969. [2]+22 p. il. 4° * Paper, 30c.

4767 451. Radiochemical Analysis Section, summary of activities, July 1967–June 1968 [with list of references]; edited by James R. DeVoe. Jan. 1969. xii+119 p. il. 4° * Paper, $1.25.

4768 473. Laboratory-field comparisons of built-up roofing membranes [with list of references; by] Thomas H. Boone, Leopold F. Skoda, and William C. Cullen. Dec. 1968. ii+13 p. il. 4° (Building Research Division, Institute for Applied Technology.) * Paper, 25c.

4769 474. Critically evaluated transition probabilities for Ba I and II [with list of references; by] B. M. Miles and W. L. Wiese. Jan. 1969. [1]+22 p. il. 4° * Paper, 30c.

NATIONAL COUNCIL ON MARINE RESOURCES AND ENGINEERING DEVELOPMENT, Executive Office of the President, Executive Office Building, Washington, DC 20500

4770 Marine science affairs, year of broadened participation, 3d report of President to Congress on marine resources and engineering development, Jan. 1969. [1969.] xiii+251 p. il. [Also issued as H. doc. 56, 91st Cong., 1st sess.] * Paper, $1.25. ● Item 1070-H
L.C. card 67-61473 PrEx 12.1:969

NATIONAL GUARD BUREAU, Defense Dept. Washington, DC 20310

4771 [General officers of Army and Air National Guard, revised pages]. June 1968. [313] p. il. 4° [Issued in looseleaf form.] † ● Item 356
D 12.2:Of 2/rev.pages

NATIONAL HIGHWAY SAFETY BUREAU, Transportation Dept. Washington, DC 20591

4772 National highway safety standards, outstanding examples of specific projects in each standard area, their descriptions and significance to State programs. [Apr. 1968.] cover title, [3]+42 p. 4° ([Highway Safety Program Services.]) [Illustration on p. 3 of cover.] ‡
L.C. card 68-62781 TD 2.202:St 2/4

4773 National highway safety standards, résumé of projects being initiated and conducted by States and their local communities. [Apr. 1968.] cover title, [3]+45 p. il. 4° ([Highway Safety Program Services.]) [Another illustration on p. 3 of cover. This same text also issued as a 59 page publication.] ‡ TD 2.202:St 2/5

4774 Read before driving. [1968.] [7] p. il. oblong 48° * Paper, 15c. ● Item 982-D-1 TD 2.202:D 83/2/968-2

NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept., Bethesda, MD 20014

4775 Associate training programs in medical and biological sciences at National Institutes of Health, 1969 catalog. [Revised Jan. 1969.] [1969.] cover title, [3]+75 p. ([Public Health Service publication 1294.]) [Text on p. 2 and 4 of cover.] † ● Item 507
L.C. card 65-60919 FS 2.22:M 46/4/969

4776 Facts about nutrition [with list of source material on nutrition; prepared by National Institute of Arthritis and Metabolic Diseases]. [Revised 1968.] [1969.] cover title, 24 p. il. oblong 24° ([Public Health Service publication 917.]) [Text on p. 2-4 of cover.] * Paper, 35c. ● Item 507 FS 2.22:N 95/968
L.C. card 76-600725

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4777 Gout; [prepared by Information Office, National Institute of Arthritis and Metabolic Diseases]. [1968.] [13] p. il. narrow 8° * Paper, $8.25 per 100; single copy, 15c. ● Item 507 FS 2.22:G 74

4778 Hypertension, high blood pressure [with list of publications of related interest]; prepared by Heart Information Center, National Heart Institute. [1969.] vi+48 p. il. (National Institutes of Health no. 1714.) * Paper, 50c. ● Item 507
L.C. card 74-600675 FS 2.22:H 99/2

4779 National Institutes of Health. [1968.] cover title, 8 p. il. ([Public Health Service publication 81, 1969 supplement.]) † ● Item 507
L.C. card 51-61510 FS 2.22:N 21/2/967/supp.969

4780 National Institutes of Health training programs, fiscal year 1968 funds. [1969.] vii+249 p. 4° (Statistics and Analysis Branch, Division of Research Grants.) † ● Item 507-D
L.C. card 73-600727 FS 2.22/7-5:968

4781 Pharmacology research associate training program, National Institutes of Health. [Revision 1969.] [1969.] cover title, [20] p. il. ([Public Health Service publication 1369; National Institute of General Medical Sciences.]) † ● Item 507 FS 2.22:P 49/2/969

4782 Proceedings of Conferences on effects of chronic salicylate administration, June 13-14, 1966, New York, N.Y. [with billiographies]; editors, Ronald W. Lamont-Havers, Bernard M. Wagner. [1968.] x+199 p. il. 4° (National Institute of Arthritis and Metabolic Diseases.) * Paper, $1.75. ● Item 507
L.C. card 71-600492 FS 2.22:Sa 3

4783 Report of 15th conference of Cardiovascular Training Grant Program Directors National Heart Institute, held in Key Biscayne, Fla., June 8-9, 1968. [1968.] cover title, iv+171 p. il. 4° † ● Item 507
L.C. card 60-60504 FS 2.22:C 17/8

Research report. (National Cancer Institute.)

4784 Virus-cancer research. [Revised 1968.] [1969.] iv+18 p. 12° ([Public Health Service publication 1130]; Research Information Branch.) [List of other research reports on p. 3 of cover.] * Paper, 20c. ● Item 507-V
L.C. card 77-600882 FS 2.22/32-2:V 81

Resources for medical research report. (Resources Analysis Branch, Office of Program Planning and Evaluation.)

4785 15. [Medical research and education activities of foundations and nonprofit research institutes; prepared by Lionel Fernandez]. Sept. 1968. vi+27 p. il. 4° [Text on p. 2 of cover.] * Paper, 40c. ● Item 507-U
L.C. card 70-600872 FS 2.22/33:15

4786 Roster of members of NIH Public Advisory Groups, councils, committee, boards, study sections. Oct. 1, 1968. ix+232. p. (Committee Management Staff.) † ● Item 507-N FS 2.22/22:968

4787 Social sciences and mental retardation, family components, report of conference, Jan. 8-9, 1968, Bethesda, Md. [with list of references]. [1968.] [1]+v+41 p. 4° ([National Institute of Child Health and Human Development.]) † ● Item 507 FS 2.22:So 1/6

4788 Status of research in biometry, report 1967 [with list of references]; by Epidemiology and Biometry Training Committee, National Institute of General Medical Sciences. [1969.] [1]+v+93 p. 4° † ● Item 507
L.C. card 78-600684 FS 2.22:B 52/8

4789 Summaries of recent legislation affecting dentistry, 1968; by Edward M. Campbell, Charles H. Haydon, [and] Helen VanBuskirk Bell. [Revised 1968.] [1969.] iii+31 p. (Division of Dental Health, Bureau of Health Manpower.) † ● Item 507 FS 2.22:D 43/11

NATIONAL LABOR RELATIONS BOARD
Washington, DC 20570

4790 Decisions and orders of National Labor Relations Board, v. 162, Dec. 9, 1966-Feb. 15, 1967. 1968. xvi+1689 p. * Cloth, $7.75. ● Item 826
L.C. card 37-26136 LR 1.8:162

NATIONAL LIBRARY OF MEDICINE, Health, Education, and Welfare Dept., Bethesda, MD 20014

4791 Bibliography of history of medicine, no. 3, 1967. [1969.] vi+316 p. 4° ([Publication 1540-3.]). * Paper, $2.75. ● Item 508-F
L.C. card 66-62950 FS 2.209/4:3

NATIONAL MUSEUM, Smithsonian Institution Washington, DC 20560

Bulletins ● Item 919 SI 3.3:(nos.)

4792 250. Women's bathing and swimming costume in United States; [by] Claudia B. Kidwell. 1968 [published 1969]. 32 p. il. 4° (Contributions from Museum of History and Technology, paper 64.) * Paper, 50c.
L.C. card 70-600584

4793 290. Review of genus Cryptocephalus in America north of Mexico (Chrysomelidae: Coleoptera) [with list of literature cited; by] Richard E. White. 1968. [4]+124 p. il. pl. * Paper, $1.00.
L.C. card 70-600710

Contributions from National Herbarium. ● Item 920 SI 3.8:(nos.)

4794 v. 36. Lichens algae; by Mason E. Hale, jr. [and others, title page and contents]. 1968. iii p. †
L.C. card 74-600691

4795 v. 37, pt. 5. Revision of genus Camissonia (Onagraceae); by Peter H. Raven. 1969. [1]+161-396 p. il. 1 pl. * Paper, $1.75.
L.C. card 76-600709

4796 v. 37, pt. 6 Bredin-Archbold-Smithsonian biological survey of Dominica, myxomycetes from Dominica [with list of literature cited]; by Marie L. Farr. 1969. [1]+397-440 p. il. †
L.C. card 74-600711

4797 Proceedings of National Museum, v. 125, nos. 3651-68 [title page and contents]. 1968. v p. [Final volume of series.] † ● Item 922
SI 3.6:125/t.p.& cont.

NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

4798 Chiricahua National Monument, Ariz. [Revised 1969.] [1969.] [10] p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21:C 44/2/969

4799 Delaware Water Gap National Recreation Area, Pa., N.J. [1968.] [2] p. il. oblong large 8°, folded into 24° size † ● Item 654 I 29.39:D 37

4800 Fort McHenry National Monument and Historic Shrine, Md. [Revised 1968.] [1968.] [2] p. il. 4°, folded into narrow 24° size. † ● Item 650
I 29.21:F 77 mc/3/968-2

4801 Gettysburg National Military Park, Pa. [1968.] [2] p. il. 4°, folded into narrow 24° size. † ● Item 650 I 29.21:G 33/5/968

4802 Lehman Caves National Monument, Nev. [1968.] [2] p. il. 4°, folded into narrow 24° size. † ● Item 650 I 29.21:L 52/3/968

4803 Lincoln Memorial, Washington, D.C. [1969.] [8] p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21:L 63/969

4804 Natural Bridges National Monument, Utah. [Revised 1969.] [1969.] [8] p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21:N 21/2/969

4805 Pinnacles National Monument, Calif. [Revised 1969.] [1969.] [2] p. il. oblong 8° folded into narrow 24° size. † ● Item 650
I 29.21:P 65/3/969

4806 Proposed Buffalo National River, Ark. 1968. 24 p. il. 4° [Text and map on p. 3 of cover.] * Paper, 50c. ● Item 648
L.C. card 75-600580 I 29.2:B 86/5

4807 United States Marine Corps War Memorial, Washington [D.C.], The Netherlands Carillon, Arlington, Va. [1968.] [10] p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21:M 33/2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4808 Welcome to Washington. [Revised June 1968.] [1968.] [12] p. il. narrow 8° †
I 29.2 : W 27/5/968

NATIONAL RAILROAD ADJUSTMENT BOARD
Washington, DC 20572

4809 Awards 14781–920, 3d division, v. 162. Keenan Printing Company, Chicago, Ill. [1969.] [972] p. † Third Division, National Railroad Adjustment Board, 220 South State Street, Chicago, IL 60604 (Price upon application.)
L.C. card 36-26211 RA 1.9 : 162

NATIONAL SCIENCE FOUNDATION
Washington, DC 20550

4810 Employment of scientists and engineers in United States, 1950–66 [with bibliography]. [Sept. 1968.] x+55 p. il. 4° (NSF 68-30.) [Prepared in cooperation with Department of Labor, Bureau of Labor Statistics.]
* Paper, 70c. ● Item 834-C
L.C. card 76-600670 NS 1.2 : Em 7/950–66

4811 Grants and awards for fiscal year 1968. [1968.] v+274 p. ([NSF 69-2.])
* Paper, $1.25. ● Item 834-E
L.C. card 65-60935 NS 1.10/4 : 968

4812 To improve secondary school science and mathematics teaching, short history of first dozen years of National Science Foundation's summer institutes program, 1954–1965; by Hillier Krieghbaum and Hugh Rawson. [1968.] [2]+41 p. ([NSF 68-28.]) * Paper, 30c. ● Item 834-C
L.C. card 70-600883 NS 1.2 : T 22/4

4813 National Science Foundation, 18th annual report for fiscal year 1968. [1968.] xvi+279 p. il. ([NSF 69-1.]) [Also issued as H. doc. 49, 91st Cong., 1st sess.] * Paper, $1.25. ● Item 834-B
L.C. card 52-60336 NS 1.1 : 968

4814 Publications of National Science Foundation. Mar. 1968. cover title, 7 p. (NSF 68-10.) † NS 1.13 : P 96/968

Reviews of data on science resources. ● Item 834-G NS 1.11/2 : (nos.)

4815 15. Baccalaureate sources of science and engineering manpower. Dec. 1968 [published 1969]. 4 p. il. 4° (NSF 69-4.) [Prepared in Science Education Studies Group of Foundation's Office of Economic and Manpower Studies.]
* Paper, 10c.

4816 16. Salaries and selected characteristics of U.S. scientists, 1968, preliminary report based on 1968 national register of scientific and technical personnel; prepared in National Register Group of Office of Economic and Manpower Studies. Dec. 1968. 8 p. 4° (NSF 69-5.) * Paper, 10c.

NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept.
Washington, DC 20590

4817 Railroad-highway accident report: Boston and Maine Corporation single diesel-powered passenger car 563 collision with Oxbow Transport Company tank truck at Second Street railroad-highway grade crossing Everett, Mass., Dec. 28, 1966. [1968.] cover title, [3]+56 p. il. 4° †
TD 1.112/4 : Ev 2

NAVAL FACILITIES ENGINEERING COMMAND, Defense Dept.
Washington, DC 20360

Design manual DM (series). [Issued in looseleaf form.]

4818 2, 4, 21, 23, 27. [Structural engineering; Electrical engineering; Airfield pavements; Communications, navigational aids, and airfield lighting; Training facilities]. Changes 1, Jan. 1968–June 1968. [1968.] [119] p. il. 4° * Paper, $1.25. ● Item 418-A
D 209.14/2 : 2-27/ch.1

*For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept.
Washington, DC 20390

Publications. ● Item 378 (Rev. 1957) D 203.22:(nos.)

4819 16. Sailing directions for west coast of Greenland, Kap Farvel to Kap Morris Jesup. 3rd edition. 1968. [1]+xiv+429 p. il. 1 map 4° [Corrected Sept. 21, 1968, including Notice to Mariners 38, 1968. Issued in looseleaf form.] † Paper, $4.50 (including binder); $3.00, contents only.

4820 72. Change 4, Dec. 21, 1968, looseleaf change pages for correcting Sailing directions for Java, Lesser Sundas, south, southeast, and east coasts of Borneo and Celebes, 5th edition, 1962. [1968.] [127] p. il. 4° [Formerly no. 163. Includes list of effective pages.] † Paper, 35c.

4821 76. Change 10, Jan. 4 [1969], looseleaf change pages for correcting Sailing directions for Philippine Islands, v. 1, 1st edition, 1955. [1968.] [110] p. il. 4° [Formerly no. 78. Includes list of effective pages.] † Paper, 35c.

4822 82. Change 3, Dec. 7, 1968, looseleaf change pages for correcting Sailing directions for Pacific Islands, v. 1, 2d edition, 1964. [1968.] [178] p. 4° [Formerly no. 165A. Includes list of effective pages.] † Paper, 35c.

4823 90. Change 10, Dec. 14, 1968, looseleaf change pages for correcting Sailing directions for Philippine Islands, v. 1, 1st edition, 1955. [1968.] [110] p. il. 4° [Formerly no. 78. Includes list of effective pages.] † Paper, 35c.

Technical report.

4824 193. Major currents in North and South Atlantic Oceans between 64° N and 60° S [with bibliography; prepared by William E. Boisvert]. Sept. 1967. cover title, x+92+[5] p. il. 4° ([Oceanographic Analysis Division Marine Sciences Department.]) † Paper, $1.35.
L.C. card 76-600689 D 203.26:193

NAVAL OPERATIONS OFFICE, Defense Dept.
Washington, DC 20390

4825 Submarine in United States Navy. 3d Edition 1969. cover title, [2]+24+[2] p. il. 4° (Naval History Division.) [Text on p. 2 and 3 of cover.] * Paper, 40c. ● Item 399-A
L.C. card 68-61551 D 207.10/2: Su 1/969

NAVAL PERSONNEL BUREAU, Defense Dept.
Washington, DC 20390

4826 Aircrew survival equipment man 1 & C [with reading list; prepared by Navy Training Publications Center, Memphis, Tenn.]. [1968 edition.] [1969.] cover title, iv+232 p. il. 4° (Navy Training Course, NAVPERS 10360-C.) * Paper, $2.00. ● Item 404
L.C. card 71-600669 D 208.11: Ai 7/17

4827 Aviation boatswain's mate E 3 & 2 [with reading list; prepared by Navy Training Publications Center, Memphis, Tenn.]. [1969 edition.] [1969.] cover title, iv+365 p. il. 4° (Navy Training Course, NAVPERS 10302-B.) ‡ ● Item 404
L.C. card 77-600728 D 208.11: Av 5/31/969

4828 Aviation machinist's mate J 3 & 2 [with reading list; prepared by Navy Training Publications Center]. [1968 edition.] [1968.] cover title, iv+326 p. il. 4° (Navy Training Course; NAVPERS 10341-A.) [Some illustrations are colored.] ‡ ● Item 404
L.C. card 71-600693 D 208.11: Av 5/37/968

4829 Disbursing clerk 3 & 2 [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition, 1951, revised 1969.] [1969.] cover title, iv+400 p. il. 4° (Navy Training Course, NAVPERS 1027-F.) ‡ ● Item 404
L.C. card 77-600673 D 208:11: D 63/969

4830 Electrician's mate 1 & C [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st printing 1950, revised 1968.] [1968.] cover title, iv+196 p. il. 4° (Navy training course, NAVPERS 10547-B.) * Paper, $2.00. ● Item 404
L.C. card 72-600696 D 208.11: El 2/14/968

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4831 Manual for messes ashore, 1962, Change 6. Nov. 6, 1968. vii+[55] p. 4° (NAVPERS 15951.) [Includes list of effective sheets. Issued in looseleaf form.] ‡ ● Item 403-A D 208.6/3 : M 56/ch.6

4832 Manual of Navy enlisted classifications. Jan. 1969. [80] p. 4° (NAVPERS 15105-P.) [Replaces Manual of enlisted classifications, NAVPERS 15105-O, July 1968.] ‡ ● Item 403-A
L.C. card 62-62299 D 208.6/3 : C 56/969

NAVAL RESEARCH OFFICE, Defense Dept.
Washington, DC 20390

NRL report. (Naval Research Laboratory.)

4833 6796. Detection of nonfluctuating targets in log-normal clutter [with list of references; by] S. F. George. Oct. 4, 1968. cover title, ii+20 p. il. 4° ♦ Paper, $3.00. (AD 677926.) D 210.8 : 6796

NAVAL SHIP SYSTEMS COMMAND, Defense Dept.
Washington, DC 20350

NOTE.—The Bureau of Ships was abolished and its functions transferred to the Naval Ship Systems Command effective May 1, 1966.

4834 Electronics installation and maintenance book, electronic circuits, Apr. 1965, Change 2. Sept. 1968 [283] p. il. 4° (NAVSHIPS 0967-000-0120.) [Issued in looseleaf form.] * Paper, $2.50. ● Item 412-B
D 211.6/2 : El 2/9/ch.2

NAVY DEPARTMENT, Defense Dept.
Washington, DC 20350

4835 NROTC 2-year college contract program. [1968.] [16] p. il. 16° ([RAD 69161.]) † ● Item 370 D 201.2 : C 76

OUTDOOR RECREATION BUREAU, Interior Dept.
Washington, DC 20240

4836 Bureau of Outdoor Recreation [grants-in-aid] manual [amdt. 12], [Nov. 4, 1968.] [6] p. 4° (Release 077.) [Issued in looseleaf form.] * Paper, $4.00 (including basic manual and supplementary material for an indefinite period]; $1.50 additional for foreign mailing. ● Item 657-B-3
I 66.8/2 : 968/rep./amdt.12

OZARKS REGIONAL COMMISSION
2001 Wisconsin Ave., N.W., Washington, DC 20235

4837 Ozarks Regional Commission annual report, 1968. [1969.] cover title, [4]+35 p. 4° †
L.C. card 75-600730 Y 3.Oz 1 : 1/968

PATENT OFFICE, Commerce Dept.
Washington, DC 20231

Classification definitions. (Office of Examining and Documentation Control.) [Issued with perforations.] ● Item 252 C 21.3/2 : (nos.)

4838 class 95. Photography, Revision 1. Jan. 1969. [2]+1+10 p. 4° [Original classification, W. S. Jackson, 1902.] † Paper, 25c.

4839 class 126. Stoves and furnaces. Revision 1. Dec. 1968. [2]+3+33 p. 4° [Original classification J. I. Brown, 1907; subsequent revision D. D. Andrews, R. A. Hill; C. R. Dority, L. R. Frye, D. Matthews.] † Paper, 50c.

4840 class 164. Metal founding. Revision 1. Dec. 1968. [2]+5+67 p. 4° [Original classification T. F. Lomont, H. L. Gatewood, L. N. Lowell, 1967.] † Paper, 75c.

4841 class 200. Electricity, circuit makers and breakers. Revision 1. Jan. 1969. [35] p. 4° [Original classification by O. Roepke, 1919.] † Paper, 25c.

4842 class 241. Solid material comminution or disintegration. Revision 1. Jan. 1969. [70] p. 4° [Original classification S. W. Cochran, 1944.] † Paper, 75c.

Classification definitions—Continued

4843 class 278. Land vehicles, animal draft appliances. Revision 1. Dec. 1968. [2]+1+7 p. 4° [Original classification M. L. Whitney, 1920.] † Paper, 10c.

4844 class 281. Books, strips and leaves. Revision 1. Jan. 1969. [8] p. 4° [Original classification, L. W. Worrell, 1918.] † Paper, 10c.

4845 class 282. Manifolding. Revision 1. Jan. 1969. [2]+1+2 p. 4° [Original classification, L. W. Worrell, 1918.] † Paper, 10c.

4846 class 289. Knots and knot tying. Revision 1. Dec. 1968. [2]+1+2 p. 4° [Original classification, E. N. Lovewell, 1918.] † Paper, 10c.

4847 class 291. Track sanders. Revision 1. Dec. 1968. [2]+1+3 p. 4° [Original classification, G. R. Simpson, 1918.] † Paper, 10c.

4848 Commissioner of Patents annual report, fiscal year, 1968. [1968.] [2]+34 p. * Paper, 25c. ● Item 251
L.C. card 12-3671 C 21.1/2 : 968

PEACE CORPS, State Dept.
Washington, DC 20525

4849 Peace Corps 7th annual report. [June 30, 1968.] cover title, 52 p. il. 4° [Text and other illustrations on p. 2-4 of cover. Some illustrations are colored.] †
L.C. card 62-62305 S 19.1 : 968

PERSONNEL OFFICE, Agriculture Dept.
Washington, DC 20250

4850 Guide to understanding Department of Agriculture. [Revision Sept. 1968.] [1968.] [40] p. il. oblong 12° [Last page left blank for notes.] * Paper, 40c. ● Item 10 A 49.8 : Ag 8/968

POST OFFICE DEPARTMENT
Washington, DC 20260

4851 Address by Postmaster General W. Marvin Watson before Post Office Department headquarters personnel, Washington, D.C., Jan. 17, 1969. [1969.] 4 leaves, 4° (Information Service, General release 23.) †
P 1.27 : W 33/22

4852 Annual report of Postmaster General, Post Office Department, July 1, 1967-June 30, 1968. [1968.] x+244 p. il. [Also issued as H. doc. 2, 91st Cong., 1st sess.] * Paper, $1.25. ● Item 835
L.C. card 8-10371 P 1.1 : 968

[Commemorative stamp posters.]
NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, $1.50 a yr.; 50c. additional for foreign mailing.

4853 6-cent American Legion commemorative postage stamp will be first placed on sale at Washington, D.C., on Mar. 15, 1969. 1969. 10.5 x 8 in. P 1.26/2 : Am 3

4854 Laws relating to ethical conduct and conflict of interest. Nov. 1968. [2]+37 p. (POD publication 74.) ‡ ● Item 843 P 1.31/4 : C 75

4855 Pointers on conference leadership. [1968.] [1]+20+[1] p. il. 4° (Chicago Regional Office.) ‡ P 1.2 : L 46

4856 Supplement to 1968 National ZIP code directory. [1969.] iii+139 p. 4° (POD publication 65, supplement 2.) [Changes effective through Oct. 1, 1968.] * Paper, $1.00. ● Item 839
L.C. card 66-60919 P 1.10/8 : 968/supp.2

PRESIDENT OF UNITED STATES
Washington, DC 20501

4857 Changing patterns in residential services for mentally retarded [with bibliographies]; edited by Robert B. Kugel and Wolf Wolfensberger. Jan. 10, 1969. [6]+1-171b+172-435 p. il. 4° (President's Committee on Mental Retardation [monograph].) [Text on p. 2 of cover.] † President's Committee on Mental Retardation, Washington, D.C. 20201 ● Item 851-J
L.C. card 79-600494 Pr 36.8 : M 52/R 31

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4858 Economic report of the President, transmitted to Congress Jan. 1969, together with annual report of Council of Economic Advisers. 1969. iv+332 p. il. [Also issued as H. doc. 28, 91st Cong., 1st sess.] * Paper, $1.50. ● Item 848
L.C. card 47-32975 Pr 36.9 : 969

4859 Miami report, report of Miami Study Team on Civil Disturbances in Miami, Fla. during the week of Aug. 5, 1968, Miami, Fla., Jan. 15, 1969, submitted to National Commission on the Causes and Prevention of Violence. [1969.] viii+30+[25] p. il. 4° * Paper, 50c. ● Item 851-J
L.C. card 70-600859 Pr 36.8 : V 81/M 58

National Commission on Urban Problems: Research report.

4860 15. Alternatives to urban sprawl, legal guidelines for Governmental action; by Fred P. Bosselman. [1969.] iv+69 p. 4° [Text on p. 2 and 3 of cover.] * Paper, 70c. ● Item 851-J Pr.36.8 : Ur 1/2/R 31/no.15

4861 PACE report, Nov.-Dec. 1968. [1968.] cover title, [1]+34 p. 4° (President's National Advisory Council on Supplementary Centers and Services.]) [Text on p. 1 and 2 of cover.] † PACE report, 201 Taylor Education Building, College of Education, University of Kentucky, Lexington, KY 40506 ● Item 851-J Pr 36.8 : Su 7/2/P 11/968

4862 Progress report of National Commission on Causes and Prevention of Violence to President Lyndon B. Johnson, Jan. 9, 1969. [1969.] [2]+7+A-52 p. 4° * Paper, 50c. ● Item 851-J
L.C. card 79-600530 Pr 36.8 : V 81/R 29/969

4863 Studies by Staff of Cabinet Committee on Price Stability. Jan. 1969. xii+156 p. il. * Paper, $1.00. ● Item 851-J
L.C. card 75-600521 Pr 36.8 : P 93/St 9

PRISONS BUREAU, Justice Dept.
Washington, DC 20537

4864 Basic data book. 9th edition. Oct. 1967. cover title, [1]+iv p.+1-9a, 10-69 leaves, il. oblong 8° † J 16.24 : 967

PUBLIC DOCUMENTS DIVISION, Government Printing Office
Washington, DC 20402

Price list PL (series). ● Item 554 GD 3.9 : (nos.)

4865 36. Government periodicals and subscription services; Feb. 1969. 133d edition. [1969.] [2]+38 p. il. †
L.C. card 26-26170

4866 78. Social security, industrial hazards, health and hygiene, safety for workers, pensions, workmen's compensation and insurance; Dec. 1968. 17th edition. [1968.] [2]+13 p. il. †
L.C. card 49-46433

4867 79. Air Force, aviation, civil aviation naval aviation, Federal Aviation Administration; Feb. 1969. 16th edition. [1969.] [2]+21 p. †
L.C. card 49-46782

4868 86. Consumer information, family finances, appliances, recreation, gardening, health and safety, food, house and home, child care, clothing and fabrics; Feb. 1969. 4th edition. [1969.] [2]+40 p. il. * Paper, $7.50 per 100; single copy 5c.
L.C. card 77-600874

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.
Washington, DC 20201

4869 Air conservation, whose responsibility [address], by John T. Middleton, commissioner, National Air Pollution Control Administration, [Consumer Protection & Environmental Health Service, Public Health Service] presented at New England Conference on Air Pollution, Colby College, Waterville, Maine on Dec. 2, 1968. [1968.] [1]+8 p. †
FS 2.30 : M 58/4

4870 Air pollution control program support under Air quality act of 1967, public law 90-148. Dec. 1968. [1]+4 p. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 485 FS 2.2 : Ai 7/49/968

Φ For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
● Sent to Depository Libraries

4871 Air quality data from national air surveillance networks and contributing State and local networks. 1966 edition. 1968. viii+157 p. il. 4° (National Air Pollution Control Administration [publication APTD 68-9]; Consumer Protection and Environmental Health Service; Air Quality and Emission Data Program.) [Title on cover is: Air quality data from national air sampling networks.] † ● Item 483-N FS 2.307:966

4872 Bibliography on drug dependence and abuse, 1928-66; [prepared by] National Clearinghouse for Mental Health Information. [1969.] [5] +1-85d, 86-258 p. 4° ([National Institute of Mental Health.]) † ● Item 506-A
L.C. card 70-600726 FS 2.22/13:D 84/928-66

4873 Biological products, Public Health Service regulations, title 42, pt. 73 [and excerpts from Public Health Service Act]. [Revised May, 1968.] [1968.] v+70 p. 4° ([Publication 437.]) † Division of Biologics Standards, National Institutes of Health, Bethesda, MD 20014. ● Item 499
FS 2.6:B 52/968

4874 Classification of congenital malformations, for use in coding birth certificates in National Cleft Lip and Palate Intelligence Service; [by] Sylvia Hay and Susan Tonascia. [Jan. 1968.] [241] p. (Dental Health Center, San Francisco, Calif.) ‡
L.C. card 76-600733 FS 2.2:M 29/5

4875 Consumer Protection & Environmental Health Service. [Nov. 1968.] cover title, 12 p. oblong 8° ([Publication 1872; Consumer Protection and Environmental Health Service.]) † ● Item 485 FS 2.2:C 76/6/968

4876 Directory of State, territorial, and regional health authorities, 1968. [Revised 1968.] [1969.] v+147 p. 1 pl. ([Publication 75]; Health Services and Mental Health Administration, Office of Grants Management.) * Paper, $1.25. ● Item 483-B
L.C. card 24-26996 FS 2.77/2:968

[Emergency health series].

4877 I-8. Role of medicine for emergency preparedness [with list of publications]; edited by Francis C. Jackson and Christopher Earl Kennemer. 1968 [published 1969]. iv+63 p. il. ([Publication 1071 I-8]; Health Services and Mental Health Administration, Division of Emergency Health Services.) [Prepared in cooperation with Committee on Disaster Medical Care, Council on National Security of American Medical Association, Committee on Trauma of American College of Surgeons, and Office of Civil Defense, Office of Secretary of Army, Department of Defense.] * Paper, 40c. ● Item 486-E FS 2.302:I-8

Environmental health series: Air pollution.

4878 AP-15. Symposium, environmental measurements, valid data and logical interpretation co-chairmen John S. Nader and E. C. Tsivoglou [with lists of references], Sept. 4-6, 1963. July 1964 [published 1968]. v+327 +[1] p. il. ([Publication 999-AP-15 or 999-WP-15.]) [Sponsored by Division of Air Pollution and Division of Walter Supply and Pollution Control.] † Publications office, Robert A. Taft Sanitary Engineering Center, 4676 Columbia Parkway, Cincinnati, OH 45226 ● Item 483-F
L.C. card 78-600692 FS 2.300:AP-15

—— Water supply and pollution control. (Division of Water Supply and Pollution Control.)

4879 WP-28. Feasibility of granular, activated-carbon adsorption for waste-water renovation, 2 [with list of references]; by R. S. Joyce and V. A. Sukenik. Oct. 1965. vii+38 p. il. (Publication 999-WP-28.) [Accompanied by abstract cards.] ‡ FS 2.300:WP-28

4880 Facts on smoking, tobacco, and health; [by] James L. Hendrick. May 1968. iv+134 p. il. 4° (RMC report UR-039; Resource Management Corporation.) [Prepared for National Clearinghouse for Smoking and Health, National Center for Chronic Disease Control in fulfillment of contract PH 86-67-176.] † ● Item 485
L.C. card 70-600587 FS 2.2:Sm 7/11

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4881 From witchcraft and sorcery to head shrinking, society's concern about mental health; [by Stanley F. Yolles, Director, National Institute of Mental Health, 12th HEW Forum, May 8, 1968, Washington, D.C.]. [Jan. 1969.] cover title, 12 p. il. 4° ([Publication 1864; National Institute of Mental Health, Health Services and Mental Health Administration.]) [Text on p. 2 of cover.] * Paper, 30c. ● Item 507
FS 2.22 : W 77

Health information series.

4882 114. Mental retardation, its biological factors, hope through research [with list of pamphlets and books; prepared by Information Office, National Institute of Neurological and Blindness, National Institutes of Health]. [Revised 1968.] [1968.] 24 p. il. narrow 8° ([Publication 1152.]) * Paper, $11.25 per 100 copies; single copy, 15c. ● Item 486
FS 2.50 : 114/2

4883 Health professions, educational improvement grants. Revised Aug. 1967. [1967.] [3]+13 p. 4° (Bureau of Health Manpower, Division of Health Manpower Educational Services.) † FS 2.2 : G 76/8

MORP [Medical and Occupational Radiation Program] (series).

4884 68-2. Recommendations for safe operation of particle accelerators [with list of references]; by Walter E. Gundaker and Richard F. Boggs. Feb. 1968. [1968.] v+13+[2] p. 4° (Bureau of Disease Prevention and Environmental Control, National Center for Radiological Health, Rockville, MD 20852.) † FS 2.314 : 68-2

National Air Pollution Control Administration publication, AP (series). (Consumer Protection and Environmental Health Service.) ● Item 483-E FS 2.93/3 : (nos.)

4885 51. Control techniques for particulate air pollutants. Jan. 1969. [556] p. il. 4° †

4886 52. Control techniques for sulfur oxide air pollutants [with bibliographies]. Jan. 1969. [355] p. il. 4° †

4887 National Center for Radiological Health research projects supported by grant funds, June 30, 1968; edited by Julius J. Sabo, Sidney Leopold. [1969.] vii+298 p. oblong 8° ([Consumer Protection and Environmental Health Service], Environmental Control Administration, National Center for Radiological Health.) † ● Item 485 FS 2.2 : R 11/11/968

4888 Packaged disaster hospitals & hospital reserve disaster inventories. [1968.] [6] p. il. narrow 8° ([Publication 1311; Health Services and Mental Health Administration, Division of Emergency Health Services.]) † ● Item 485 FS 2.2 : H 79/29/968

4889 PHS public advisory groups, authority, structure, functions. Mar. 31, 1968. xviii+381 p. ([Publication 262, revised Mar. 1968]; Office of Surgeon General, Committee Management Staff.) † ● Item 485
L.C. card 61-61825 FS 2.2 : Ad 9/2/968

4890 Preliminary investigation of waste disposal in New York Bight [with bibliography]; by Ralph W. Buelow, Benjamin H. Pringle, James L. Verber. Jan. 1968. [1]+1+33 leaves il. 4 pl. 4° (Bureau of Disease Prevention and Environmental Control, National Center for Urban and Industrial Health, Water Supply and Sea Resources Program.) † Northeast Marine Health Sciences Laboratory, Narragansett, RI 02882
FS 2.2 : W 28/7

4891 Progress report, regional medical programs for heart disease, cancer, stroke, and related diseases [as of Aug. 1, 1968]. [1968.] [16] p. il. (Division of Regional Medical Programs, Health Services and Mental Health Administration.) † ● Item 483-L FS 2.313 : 968

4892 Psychological and social aspects of human tissue transplantation, annotated bibliography; by Jacquelyn H. Hall and David D. Swenson. 1968 [published 1969]. v+57 p. ([Publication 1838]; Health Services and Mental Health Administration, National Institute of Mental Health.) [Text and illustration on p. 1 and 2 of cover.] * Paper, 40c. ● Item 506-A
L.C. card 70-600674 FS 2.22/13 : T 52

Public health bibliography series.

4893 14. Reading on cancer, annotated bibliography; prepared by Research Information Branch, National Cancer Institute. [Revised 1968.] [1969.] iv+23 p. ([Publication 457]; National Institutes of Health.) * Paper, 25c. ● Item 481-A
L.C. card 70-600690 FS 2.21:14/4

4894 Public Health Service grants and awards, fiscal year 1967 funds: pt. 5, Summary tables and graphic highlights; [prepared by National Institutes of Health, Division of Research Grants, Statistics and Analysis Branch]. [1968.] xi+823 p. il. ([Publication 1798, pt. 5.]) * Paper, $3.50. ● Item 507-D
L.C. card 48-2277 FS 2.22/7:967/pt.5

4895 Report for consultation on Metropolitan Boston Intrastate Air Quality Control Region [with list of references]. Dec. 1968. [6]+70 p. il. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 485
L.C. card 77-600866 FS 2.93/5:B 65

4896 Report for consultation on San Francisco Bay area, air quality control region. Dec. 1968 [published 1969]. [1]+46 p. il. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 485 FS 2.93/5:Sa 5 f

4897 Residency deferment for physicians, CORD, Commissioned officer residency deferment program [schedule for 1969]. [Revised Jan. 1969.] [1969.] cover title, v+14 p. il. ([PHS publication 1029.]) † ● Item 485
FS 2.2:C 73/3/969

4898 Some major issues in developing community services for persons with drinking problems; [by Thomas F. A. Plaut]. [1969.] [2]+18 p. 4° (National Center for Prevention and Control of Alcoholism, National Institute of Mental Health, Health Services and Mental Health Administration.) † ● Item 507 FS 2.22:D 88/2

4899 Special studies for incinerators for government of District of Columbia, Department of Sanitary Engineering [with bibliographies; prepared by] Day & Zimmermann [Associates]. 1968. viii+80 p. il. 4° ([Publication 1748; report SW-ld; demonstration grant D01-SW-0003801], Consumer Protection and Environmental Health Service, Environmental Control Administration, Solid Wastes Program.) * Paper, 75c. ● Item 485
L.C. card 76-600244 FS 2.2:In 2

4900 Standard repayment plans interest rate 5⅜% [1969.] [2]+31 p. 4° (Student Loan and Scholarship Branch, Division of Health Manpower Educational Services, Bureau of Health Professions Education and Manpower Training.) † ● Item 485 FS 2.2:R 29/3

4901 Summaries, solid wastes demonstration grant projects, 1968, for grants awarded during period June 1, 1966-Dec. 31, 1967; [by] Charles E. Sponagle. 1968. x+[1]+90 p. 4° ([Publication 1821]; Consumer Prosection and Environmental Health Service, Environmental Control Administration, Solid Wastes Program, Cincinnati.) * Paper, $1.00. ● Item 485
L.C. card 68-67030 FS 2.2:So 4/7

4902 Urban planner in health planning, report by American Society of Planning Officials. 1968. vi+90 p. il. 4° ([Publication 1888]; Community Health Service, Health Services and Mental Health Administration.) * Paper, $1.00. ● Item 485
L.C. card 78-600554. FS 2.2:Ur 1/4

4903 Water supply and sea resources, program Northeast Marine Health Sciences Laboratory, collected reprints [with bibliographies] 1965-66, v. 1. Apr. 1967. cover title, [116] p. il. 4° ([Bureau of Disease Prevention and Environmental Control, U.S. National Center for Urban and Industrial Health.]) [Includes Historial resume 1962-1967.] ‡
FS 2.2:N 81/965-66/v.1

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

PUBLIC ROADS BUREAU, Transportation Dept.
Washington, DC 20591

4904 Book about space. [1968.] cover title, [52] p. il. oblong 8° [Text and other illustrations on p. 1–4 of cover.] * Paper, 75c. ● Item 265
L.C. card 68-67008 TD 2.102 : Sp 1

BPR program (series).

4905 HY-2. Electronic computer program for hydraulic analysis of pipe-arch culverts; developed by [R. C. Tennent, W. H. Collins, and L. A. Herr]. [Apr. 1963, revised Jan. 1968.] [1968.] cover title, ii+45 p. il. 4° (Office of Research & Development.) ‡ TD 2.117 : HY-2

4906 Toll facilities in United States, bridges, ferries, tunnels, roads, as of Jan. 1, 1968. [1969.] [4]+6+[29] p. 4° † TD 2.102 : T 57/968

RECLAMATION BUREAU, Interior Dept.
Washington, DC 20240

4907 Directory of reclamation projects, divisions or units operated partly or entirely by water users. May 1968. [5] p. 4° † I 27.2 : P 94/16/968

4908 Proceedings, 17th meeting, Four-States Irrigation Council, Jan. 11 and 12, 1968, Building 56, Denver Federal Center, Denver, Colo. [1968.] [3]+100 p. il. 4° [Council includes Colorado, Kansas, Nebraska and Wyoming.] ‡ I 27.2 : Ir 7/968

4909 Project skywater, proceedings, skywater conference 4, optimization of Operational Weather Modification, Atmospheric Water Resources Program, May 21–22, 1968. [1968.] [1]+vii+165 p. il. 4° ([Office of Atmospheric Water Resources, Denver, Colo.]) † I 27.2 : Sk 9/968

Research report. (Water resources technical publication.)

4910 15. Annual report of progress on engineering research, 1967 [with list of references]. [1st printing 1968.] [1968.] ix+195 p. il. * Paper, $1.25. ● Item 664-B
L.C. card 67-61690 I 27.54 : 15

4911 Technical record of design and construction: Merritt Dam, constructed 1961–64, Ainsworth unit, Nebr., Sandhills division, Missouri River Basin project, Nebraska, Sandhills Division, Missouri River Basin project [with selected bibliography]. Denver, Colo., Oct. 1968. [7]+ix+190 p.+[5] leaves, il. 4° ([Water resources technical publication.]) † Paper, $4.50, Bureau of Reclamation: Code 841, Denver Federal Center, Denver, Colo. 80225
L.C. card 79-600731 I 27.2 : M 55

REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

4912 Opportunities for hard of hearing and the deaf. [Sept. 1968.] [20] p. il. narrow 8° † ● Item 529 FS 17.102 : H 21

RENEGOTIATION BOARD
Washington, DC 20446

4913 Renegotiation act of 1951 as amended through Oct. 24, 1968; compiled by Renegotiation Board. 1968. ii+27+ix p. * Paper, 20c. ● Item 308
L.C. card 56-62153 RnB 1.5 : R 29/968

4914 Renegotiation Board, 13th annual report, 1968. [1968.] cover title, iii+15 p. * Paper, 20c. ● Item 308
L.C. card 57-60197 RnB 1.1 : 968

Renegotiation bulletin. [Issued with performations.]

4915 10. Book value and write-off of facilities, revocation. Jan. 7, 1969. 1 p. 4° [Issued with perforations.] * Paper, 5c. ● Item 308 RnB 1.6/3 : 10/revoc.

NOTE.—Renegotiations bulletins are included in a subscription to Renegotiation Board regulations. * Paper, $6.50; $1.75 additional for foreign mailing.

4916 Renegotiation ruling 123, revised; Oct. 8, 1968. 1968. 1 p. 4° [Issued in looseleaf form.] * Paper, 5c. ● Item 308 RnB 1.6/5:123/2

NOTE.—Renegotiation rulings are included in a subscription to Renegotiation Board regulations and Renegotiation bulletins. * Paper, $6.50; $1.75 additional for foreign mailing.

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

4917 1967 annual statistical report, rural telephone borrowers [lending program of Rural Electrification Administration loan, operating, and financial statistics of REA telephone borrowers, year ending Dec. 31, 1967.] [Jan. 1969.] cover title, 243 p. il. 4° (REA bulletin 300-4.) * Paper, $1.75. ● Item 115 A 68.1/3:967

REA bulletin.

4918 101-3. Guide for board members of electric cooperatives [with lists of references]. Feb. 1969. iii+41 p. il. 4° † ● Item 116 A 68.3:101-3/2

SCIENCE AND TECHNOLOGY OFFICE, Executive Office of the President, Washington, DC 20506

4919 Federal water resources research program for fiscal year 1969. Aug. 1968. vii+48 p. il. ([Publication 7; Committee on Water Resources Research]; Federal Council for Science and Technology.) * Paper, 35c. ● Item 857-F-2
L.C. card 64-60834 PrEx 8.9:969

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

4920 34th annual report, Securities and Exchange Commission, fiscal year 1968. [1968.] xx+192 p. il. [Also issued as H. doc. 19, 91st Cong., 1st sess.] * Paper, $1.00. ● Item 903
L.C. card 35-26901 SE 1.1:968

4921 General rules and regulations under Securities exchange act of 1934 as in effect Oct. 16, 1968. [1969.] ix+141 p. 4° [Title 17, Code of Federal regulations, pt. 240.] * Paper, $1.25. ● Item 907
L.C. card 41-8974 SE 1.6:R 86/3/968

SHIP STRUCTURE COMMITTEE Washington, DC 20226

SSC (series).

4922 192. Notch brittleness after prestraining [with list of references]; by C. Mylonas and S. Kobayashi. Jan. 1969. [4]+40+[2] p. il. 4° (Brown University, Providence, R.I.) [Final report on project SR-158, macrofracture fundamentals, to Ship Structure Committee under Department of Navy, Naval Ship Engineering Center contract Nobs 88294.] [Text on p. 2 of cover.] Φ Paper, $3.00. Y 3.Sh 6:SSC-192

SMALL BUSINESS ADMINISTRATION Washington, DC 20416

Management development program, topic. ([Procurement and Management Assistance, Office of Management Assistance, Education Division.])

4923 18. Franchising, instructor's manual [with bibliography; by Paul A. Litecky]. [1968.] vii+68 p.+[6] leaves. il. 4° [Index reference to divider sheets on p. 4 of cover.] * Paper, $1.75. ● Item 901-8 SBA 1.24:18

Small business bibliographies. † ● Item 901-K SBA 1.3:(nos.)

4924 34. Distribution cost analysis; [prepared by Gorden Brunhild and Charles H. Sevin]. Nov. 1968 [revision.] [1969.] 8 p. 4°
L.C. card 70-600788

4925 65. Real estate business; [by Karl G. Pearson]. Oct. 1968 [published 1969]. 11 p. il. 4°

4926 U.S. Government purchasing and sales directory, guide for selling or buying in government market. [Oct. 1968.] vi+135 p. 4° ([OPI-23.]) [Edge index on p. 4 of cover.] * Paper, $1.25. ● Item 901-D
L.C. card 54-61753 SBA 1.13/3:968

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

SOCIAL AND REHABILITATION SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201

4927 Communications media and social rehabilitation programs; [presented by Mary E. Switzer, Administrator, Social and Rehabilitation Service, at Seminar on the Influence of the Communications Media on the Caliber of American Civilization, New York, N.Y., Sept. 17, 1968.] [1968.] cover title, 12 p. narrow 8° (SRS-106.) † ● Item 532-A-6
FS 17.14 : Sw 6/5

4928 Crisis of qualified manpower for criminal justice, analytic assessment with guidelines for new policy: v. 1, Probation/parole, pilot study of correctional training and manpower; [by] Herman Piven, Abraham Alcabes. [1969.] xv+85 p. il. 4° ([JD publication 564]; Office of Juvenile Delinquency and Youth Development.) * Paper, $1.00. ● Item 512-A-1
L.C. card HEW 68-153 FS 17.2 : C 86/2/v.1

4929 On frontier of silence; Moral obligation to communicate [two speeches on deafness by Mary E. Switzer, Administrator, Social and Rehabilitation Service, presented at Conference of Executives of American Schools for Deaf, Gallaudet College, Washington, D.C., Apr. 28, 1968]. [1968.] cover title, 16 p. narrow 8° (SRS-104.) † ● Item 432-A-6
FS 17.14 : Sw 6/3

4930 Responsibility to care; [presented by Mary E. Switzer, Administrator, Social and Rehabilitation Service, at sesquicentennial of First Presbyterian Church, Fulton, N.Y., June 15, 1968.] [1968.] cover title, 11 p. narrow 8° [SRS-105.] † ● Item 532-A-6 FS 17.14 : Sw 6/4

4931 Using volunteers in court settings, manual for volunteer probation programs [with list of further readings; by] Ivan H. Scheier, Leroy P. Goter, in consultation with others.] [1969.] xi+227 p. ([JD publication 477]; Office of Juvenile Delinquency and Youth Development.) * Paper, $1.00. ● Item 521-A-4
L.C. card 68-159 FS 17.8/2 : C 83

4932 7th Workshop Meeting on Public Welfare and Statistics, methodology for today's tasks, proceedings, Aug. 27-30, 1967, San Francisco, Calif. [with lists of references]; edited by Edward J. O'Donnell. [1968.] [1]+v+169 p. il. 4° ‡ FS 17.2 : P 96/2/967

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

Health insurance statistics: Current medicare survey report, CMS (series). Office of Research and Statistics.) † FS 3.28/4 : (nos.)

4933 6. Estimated number of persons using medicare services, calendar year 1967. Dec. 30, 1968. 2 p. 4°

4934 7. Medical insurance sample, Jan.-June 1968. Dec. 31, 1968. [4]+[10] p. 4°

Health insurance statistics, HI-(series). (Office of Research and Statistics.) † FS 3.28/5 : (nos.)

4935 10. Use of hospital services under medicare: Length of stay of patients discharged from short-stay hospitals, July 1966-June 1967; prepared by Aaron Krute. Jan. 30, 1969. 6+[1] p. il. 4°

4936 11. Health insurance for aged under social security: Number of persons insured, July 1, 1967; by Harry L. Savitt. Jan. 31, 1969. 10+[3] p. 4°

4937 Relating social security protection to Federal civil service report requested by Committee on Ways and Means, House, and Committee on Finance, Senate. Jan. 1969. 4 leaves+[4]+76 p. il. 4° † ● Item 516
L.C. card HEW 68-154 FS 3.2 : C 49

Research and statistics note, 1968 (series). (Office of Research and Statistics.)

4938 27. Fiscal impact of social security program in 1967; by Robert O. Brunner. Dec. 31, 1968. 8 p. 4° † FS 3.28/2 : 968/27

†For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Research reports. ● Item 522–A FS 3.49:(nos.)

4939 26. Reimbursement incentives for hospital and medical care, objectives and alternatives; [edited by Dena Motley]. [1968.] vii+80 p. il. (Office of Research and Statistics.) * Paper, 45c.
L.C. card HEF 68–101

4940 27. Role of social security in economic development [with list of references]; Everett M. Kassalow, editor. [1968.] vi+265 p. (Office of Research and Statistics.) [Papers presented at Nov. 1967 seminar organized by University of Wisconsin in cooperation with Social Security Administration and Agency for International Development.] * Paper, $1.00.
L.C. card HEW 68–102

SSI (series).

4941 22. Special information for self-employed people about reporting their income for social security. [1969.] 6 p. narrow 12° * Paper, $5.00 per 100; single copy 10c. Item 523–B FS 3.52:22

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

4942 Federal-State-private cooperative snow surveys, basic data summary of snow survey and soil moisture measurements for western United States including Columbia River drainage in Canada, 1967–68 season. Nov. 1968. [7]+80 p. 4° [Prepared in collaboration with California Department of Water Resources and British Columbia Department of Lands, Forests, and Water Resources.] †
L.C. card 67–62983 A 57.2:Sn 6/12/968

4943 Soil survey: Pierce County, Ga. [with list of literature cited; by Howard T. Stoner]. Oct. 1968. cover title, i+43 p. il. 35 p. of pl. and maps, 4° [Prepared in cooperation with University of Georgia, College of Agriculture, Agricultural Experiment Stations. Text on p. 2 of cover. One map is colored.] * Paper, $2.25. ● Item 102 (Rev. 1957)
L.C. card Agr 68–299 A 57.38:P 61/2

4944 —— Westmoreland County, Pa. [with list of literature cited; by David C. Taylor and others]. Nov. 1968. cover title, [2]+68 p. il.+141 p. of pl. maps, and tabs, 4° [Prepared in cooperation with Pennsylvania State University College of Agriculture and Agricultural Experiment Station, and Pennsylvania Department of Agriculture State Soil and Water Conservation Commission.] * Paper, $7.50. ● Item 102 (Rev. 1957)
L.C. card Agr 68–331 A 57.38:W 52

SPECIAL REPRESENTATIVE FOR TRADE NEGOTIATIONS, OFFICE OF, Executive Office of the President, Washington, DC 20506

4945 Future United States foreign trade policy, report to the President. Jan. 14, 1969. [4]+ix+101 p. 4° * Paper, $1.00. ● Item 857–G–1
L.C. card 79–600810 PrEx 9.2:T 67

SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept. Washington, DC 20240

Refuge leaflets. † I 49.44:(nos.)

4946 67. National wildlife refuges in southeast region 4. [Revised July 1968.] [1968.] 12 p. il. 4°

4947 116. Birds of Bitter Lake National Wildlife Refuge. [Oct. 1968.] 6 p. narrow 24° ● Item 612–C

STATE DEPARTMENT Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] * Paper, $3.50 per yr., $3.00 additional for foreign mailing; single copies vary in price. ● Item 862–B

4948 Democratic and Popular Republic of Algeria [with reading list]. [Revised Dec. 1968.] [1969.] 5 p. il. 4° ([Publication 7821.]) * Paper, 10c.
L.C. card 66–61561 S 1.123:Al 3/968

4949 French territory of Afars and Issas [with reading list]. Dec. 1968. [published 1969]. 4 p. il. 4° ([Publication 8429.]) * Paper, 10c.
L.C. card 65–60213 S 1.123:F 88 af

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4950 Kingdom of Swaziland [with reading list]. [Revised Dec. 1968.] [1969.] 5 p. il. 4° ([Publication 8174.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : Sw 2/968

4951 Republic of Chad [with reading list]. [Revised Nov. 1968.] [1968.] 4 p. il. 4° ([Publication 7669.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : C 34/968

4952 Republic of Costa Rica [with reading list]. [Revised Dec. 1968.] [1969.] 4 p. il. 4° ([Publication 7768.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : C 82/968

4953 Republic of Cuba [with reading list]. [Revised Dec. 1968.] [1969.] 6 p. il. 4° ([Publication 8347.]) * Paper, 10c.
L.C. card 66-61561 S 1.123 : C 89/968

4954 Republic of Dahomey [with reading list]. [Revised Sept. 1968.] [1968.] 4 p. il. 4° ([Publication 8308.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : D 13/968

4955 Republic of Haiti [with reading list]. [Revised Dec. 1968.] [1969.] 4 p. il. 4° ([Publication 8287.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : H 12/968

4956 Republic of Lebanon [with reading list]. [Revised Nov. 1968.] [1968.] 3 p. il. 4° ([Publication 7816.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : L 49/968

4957 Republic of Philippines [with reading list]. [Revised Dec. 1968.] [1969.] 6 p. il. 4° ([Publication 7750.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : P 53/968

4958 Republic of Portugal [with reading list]. [Revised Oct. 1968.] [1968.] 4 p. il. 4° ([Publication 8074.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : P 83/2/968

4959 Socialist Federal Republic of Yugoslavia [with reading list]. [Revised Dec. 1968.] [1969.] 8 p. il. 4° ([Publication 7773.]) * Paper, 10c.
L.C. card 66-61561 S 1.123 : Y 9/968

4960 Southern Rhodesia [with reading list]. [Revised Oct. 1968.] [1968.] 4 p. il. 4° ([Publication 8104.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : So 8 r/968

4961 State of Kuwait [with reading list]. [Revised Nov. 1968.] [1968.] 4 p. il. 4° ([Publication 7855.]) * Paper, 5c.
L.C. card 66-61561 S 1.123 : K 96/968-2

4962 Digest of international law, v. 9; prepared by Marjorie M. Whitman. [Dec. 1968.] v+1299 p. ([Publication 8419.]) * Cloth, $6.75. ● Item 864-A
L.C. card 63-62002 S 7.12/2 : 9

General foreign policy series.

4963 228. Battle act report 1968. Mutual defense assistance act of 1951, 21st report to Congress. [Jan. 1969.] [5]+93 p. ([Publication 8426.]) * Paper, 45c. ● Item 875
L.C. card 52-61994 S 1.71 : 228

International boundary studies. (Geographer, [Office of Strategic and Functional Research], Bureau of Intelligence and Research.) ‡
S 1.119/3 : (nos.)

4964 86. India-Pakistan boundary (Rann of Kutch). Dec. 2, 1968. cover title, [1]+8 p. map, 4° (Office of Research in Economics and Science.)

4965 87. French Territory of Afars and Issas—Somalia boundary. Dec. 30, 1968. cover title, [1]+3 p., map, 4° (Office of Research in Economics and Science.)

4966 88. Algeria—Mauritania boundary. Jan. 2, 1969. cover title, [1]+3 p., map, 4° (Office of Research in Economics and Science.)

International organizations series.

4967 1. Central Treaty Organization. [Dec. 1968.] 7 p. il. 4° ([Publication 8418; Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations. Errata sheet, 1 p. il., issued also.] * Paper, 10c. ● Item 882-C
S 1.70/5 : 1

4968 Messengers, clerks, assignment, Washington, D.C., with Department of States. [1969.] [12] p. il. narrow 12° ([RB-2; Aug. 1968.]) † ● Item 876 S 1.2 : M 56/2

Near and Middle Eastern series.

4969 78. Discussion guide issues: No. 1, Middle East [with list of reference materials]. [Revised Dec. 1968.] [1968.] [7] p. il. 4° ([Publication 8417.]) * Paper, 10c. ● Item 883 S 1.86 : 78/2

Treaties and other international acts series. * Paper, $10.00 a yr. (approximately 150 issues), $6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10 : (nos.)

4970 6431. General agreement on tariffs and trade, agreement on implementation of art. 6 of agreement of Oct. 30, 1957, international anti-dumping code, done at Geneva June 30, 1967; [entered into force July 1, 1968.] [1969.] [2]+28 p. [English and French.] * Paper, 20c.
L.C. card 77-600551

Treaties and other international acts series—Continued

4971 6565. Maritime matters, deployment of U.S.S. Everglades to Malta, agreement between United States and Malta, effected by exchange of notes signed Valletta Sept. 11 and 30, 1968; [entered into force Sept. 30, 1968.] 1968. [2]+5 p. * Paper, 10c.
L.C. card 68-67369

4972 6569. Earth resources, cooperative research in remote sensing for earth surveys, agreement between United States and Brazil, effected by exchange of notes signed Rio de Janeiro Jan. 18 and Sept. 10, 1968; [entered into force Sept. 10, 1968]. [1968.] [2]+6 p. [English and Portuguese.] * Paper, 10c.
L.C. card 73-600463

4973 6582. Status of United States forces in Turkey, duty certificates, agreement between United States and Turkey, effected by exchange of notes signed Ankara Sept. 24, 1968; [entered into force Sept. 24, 1968]. [1969.] [2]+5 p. * Paper, 10c.
L.C. card 71-600677

4974 6583. Atomic energy application of safeguards by IAEA to the United States, Brazil agreement between United States, Brazil, and International Atomic Energy Agency, signed Vienna Mar. 10, 1967; [entered into force Oct. 31, 1968]. [1969.] [2]+10 p. * Paper, 10c.
L.C. card 72-600732

4975 6587. Mutual defense assistance, agreement between United States and Norway, amending Annex C to agreement of Jan. 27, 1950, effected by exchange of notes dated Oslo Nov. 4 and 12, 1968; [entered into force Nov. 12, 1968]. [1969.] [2]+3 p. * Paper, 10c.
L.C. card 7-600681

4976 6592. Convention on transit trade of landlocked States, between United States and other governments, done at New York July 8, 1965 signed in behalf of United States Dec. 30, 1965, proclaimed by President of United States Dec. 2, 1968; [entered into force with respect to United States Nov. 28, 1968]. [1969.] [2]+118 p. [English, French, Chinese, Russian and Spanish.] * Paper, 70c.
L.C. card 70-600682

4977 6597. Joint Committee on Cultural and Educational Cooperation, agreement between United States and Japan, effected by exchange of notes signed Tokyo Nov. 8, 1968; [entered into force Nov. 8, 1968]. [1969.] [2]+11 p. [Japanese and English.] * Paper, 10c.
L.C. card 70-600552

4978 6599. Agreement on rescue of astronauts, return of astronauts and return of objects launched into outer space, between United States and other governments, done at Washington, London and Moscow Apr. 22, 1968. [proclaimed by President of United States, Dec. 3, 1968; entered into force Dec. 3, 1968]. [1969.] [2]+61 p. [English, Russian, French, Spanish, and Chinese.] * Paper, 30c.
L.C. card 74-600683

4979 Treaties and other international agreements of United States, 1776-1946: v. 1, Multilateral, 1776-1917. [Nov. 1968.] ix+906 p. large 8° ([Publication 8407.]) * Cloth, $8.50. ● Item 899-A
L.C. card 70-600742 S 9.12/2:1

STATISTICAL REPORTING SERVICE, Agriculture Dept.
Washington, DC 20250

4980 Capacity of refrigerated warehouses in United States, Oct. 1, 1967. Dec. 1968. 18 p. il. 4° (Co St. 2 (68); Crop Reporting Board.) † ● Item 24-G A 92.21/3:967

4981 Consumption of commercial fertilizers in United States, year ended June 30, 1968, with comparisons, preliminary report. [Oct. 23, 1968.] 11 p. 4° (SpCr 7; Crop Reporting Board.) † A 92.37:968/prelim

4982 Hogs and pigs, Dec. 1968. Dec. 23, 1968. 20 p. 4° (MtAn 4 (12-68); Crop Reporting Board.) † ● Item 24-H A 92.18/7:968-4

SUPREME COURT
Washington, DC 20543

4983 United States reports: v. 391, Cases adjudged in Supreme Court at Oct. term, 1967, May 6-June 7, 1968; Henry Putzel, jr., reporter of decisions. 1968. xlvi+605+[1]+901-999 p. [Also issued in 3 preliminary prints, each case also issued separately. Pages 606-904 purposely omitted and does not indicate omission in text.] * Cloth, $6.75. ● Item 741
L.C. card 1-26074 Ju 6.8:391

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

TARIFF COMMISSION
Washington, DC 20436

4984 Certain dairy products, report to President on investigation no. 22–27 under sec. 22 of Agricultural adjustment act, as amended. Dec. 1968. cover title, v+89+A140 p. il. 4° (TC publication 274.) †
L.C. card 67–600871 TC 1.2 : D 14/4

4985 Certain wool fabrics, report to President of investigation no. 332–58 under sec. 332(g) of Tariff act of 1930. Dec. 1968. cover title, [1]+52 p. 4° (TC Publication 275.) † TC 1.2 : W 88/10

4986 Nonrubber footwear, report to the President on investigation 332–56 under sec. 332 of Tariff act of 1930. Jan. 1969. cover title, iv+110 p. 4° (TC publication 276.) †
L.C. card 72–600854 TC 1.2 : F 73/2

4987 Summaries of trade and tariff information, prepared in terms of tariff schedules of United States (TSUS): Schedule 4, Chemicals and related products; v. 4, Inorganic chemicals 3. 1968. vii+174+[26] p. 4° (TC publication 277.) ‡
L.C. card 66–65799 TC 1.26/2 : 4/4

4988 —— Schedule 7, Specified products; miscellaneous and nonenumerated products; v. 8, Pyrotechnics and products not elsewhere enumerated. 1968. vii+118+[26] p. il. 4° (TC publication 278.) ‡
L.C. card 68–61610 TC 1.26/2 : 7/8

4989 Synthetic organic chemicals, United States production and sales of flavor and perfume materials, 1967, preliminary. Jan. 1969. cover title, [1]+13 p. 4° † TC 1.33/2 : P 41/967

4990 Synthetic organic chemicals, United States production and sales of plasticizers, 1967, preliminary. Feb. 1969. cover title, [1]+9 p. 4° †
TC 1.33/2 : P 69/967

TREASURY DEPARTMENT
Washington, DC 20220

4991 Annual report of Secretary of Treasury on state of finances, fiscal year 1968. [1969.] xxviii+521 p. il. ([Treasury Dept. doc. 3245.]) [Also issued as H. doc. 3, 91st Cong., 1st sess.] * Paper, $2.50. ● Item 923
L.C. card 8–9648 T 1.1 : 968

Department circular.

4992 653. Offering of United States savings bonds, series E, 7th revision, Mar. 18, 1966, as amended, 1968 3d supplement. Dec. 12, 1968 [published 1969]. 2 p. 4° (Fiscal Service, Bureau of Public Debt.) † ● Item 924
T 1.4/2 : 653/8/supp.3

4993 Facts about United States money. Feb. 1968. 13 p. 4° † T 1.40 : 968

4994 [Remarks of James Pomeroy Hendrick, Special Assistant to Secretary of Treasury for Enforcement and Vice President of ICPO–INTERPOL, before 631st graduating class of Treasury Law Enforcement School], Jan. 15, 1969. [1969.] [1]+18 p. 4° (F–1469.) † T 1.31 : H 38

UNITED STATES TRAVEL SERVICE, Commerce Dept.
Washington, DC 20230

4995 Plant tours for international visitors to United States. [1969–70 edition.] 1969. xi+167 p. [Text on p. 2 of cover.] * Paper, $1.00. ● Item 271–A–1
L.C. card 66–60936 C 47.2 : P 69/969–70

4996 Potential Visit USA outlets abroad. Jan. 1969. cover title, xi+86 p. 4° †
C 47.2 : V 82/3

VETERANS ADMINISTRATION
Washington, DC 20420

VA pamphlets. ● Item 988 VA 1.19 : (nos.)

4997 10–51. Dentistry in Veterans Administration. Revised Nov. 1968. [1969.] [16] p. il. 4° (Department of Medicine and Surgery.) [Revision, VA pamphlet 10–51, May 1965.] †

VA pamphlets—Continued

4998 20-67-1. Summary of benefits for veterans with service since Jan 31, 1955, and their dependents. [Revised Dec. 1968.] [1968.] 7 p. 4° †

4999 20-68-1. Today [now that you are civilian get in touch with your nearest VA office.] [Revised Nov. 1968.] [1968.] [8] p. il. 12° †

5000 23-67-1. Vocational rehabilitation and other benefits information for persons disabled in military service. Revised 1968. [1969.] cover title, iii+26 p. il. narrow 8° ‡

5001 29-68-2. Servicemen's group life insurance conversion. Dec. 1968. 6 p. narrow 8° †

VETERANS REEMPLOYMENT RIGHTS OFFICE, Labor Dept.
Washington, DC 20210

5002 17 key answers about job rights for National Guardsmen, reservists, and their employers. [1969.] [6] p. narrow 12° † ● Item 773
L 25.2 : J 57/3/969

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept.
Washington, DC 20210

5003 Eating and drinking places, study of effects of $1.00 minimum wage under Fair labor standards act, 1968, economic effects studies. [1968.] cover title, [3]+i+62+[104] p. 4° [Report submitted to Congress in accordance with requirements of sec. 4(d) of Fair labor standards act.] †
L.C. card 76-600855 L 22.2 : Ea 8

5004 Minimum wage and maximum hours standards under Fair labor standards act, 1968, economic effects study. [1968.] cover title, [6]+97 p. 4° [Report submitted to Congress in accordance with requirements of sec. 4(d) of Fair labor standards act.] †
L.C. card L 60-69 L 22.31 : 968

Regulations, title 29 of Code of Federal Regulations.

5005 pt. 531. Determinations under and interpretation of section 3(m) of Fair Labor Standards Act, [1969.] [8] p. 4° (WHPC publication 1210.) [Reprinted from Federal register Sept. 28, 1967.] † ● Item 780
L 22.9 : 531/5

WOMEN'S BUREAU, Labor Dept.
Washington, DC 20210

5006 Fact sheet on women in professional and technical positions. [Nov. 1968.] 5 p. 4° (WB 69-60) † L 13.2 : P 94/5/968

5007 Role of the volunteer organization in legislative process, Michigan minimum wage campaign. [Oct. 1968.] 3 p. 4° ([WB 69-52]) † L 13.2 : V 88

5008 Working wives, their contribution to family income. [Nov. 1968.] 8 p. 4° ([WB 69-63.]) † ● Item 782 L 13.2 : W 79/968

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Index

MONTHLY CATALOG, MARCH 1969

NOTE.—*Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entries under the issuing office only. Index citations are to entry numbers in the catalog.*

A

AB, *see* Public assistance.
AB, APTD, aid to blind or disabled people, 3787
Abbreviations, Federal aviation regulations, 4233
Abele, Gunars:
  design criteria for snow runways, 3750
  experimental snow runway pavement in Antarctica, 3749
Ability, HRD employability model, guidelines, 4196
Ablating materials, ablating thermostructural panel, structural synthesis of, 4662
Ablation, multidimensional gas flow through permeable char layers and its effect on ablation, 4752
Abreu, Carlos M. Perez, *see* Perez-Abreu, Carlos M.
Absorption, absorption rate sticking probabilities for oxygen on columbium and dilute columbium-zirconium alloys, errata, 4703
Academy of Sciences, Uzbek SSR, foundation and development related, 4447
Accelerators:
  particle acceerators, recommendations for safe operation, 4884
  six billion electron-volt electron accelerator, USSR study, 4445
  small, use for teaching and research, conference proceedings, 3796
Accidents, *see* Motor vehicle accidents.
Accountants:
  employment outlook, 4473
  pay, national survey, 4597
Accounts and accounting:
  accounting and finance manual, DSA, change, 4126
  book value and write-off of facilities, revocation, 4915
  civilian employees' leaves of absence in military departments, GAO review, 4341
  joint financial management improvement program, annual report, 4337
  natural gas companies, uniform system of accounts prescribed for, 4271
Achievement, predicting 1st year, of Air Force Academy cadets, 3676
Achievements and challenges, HEW forum papers, 4373
ACIR, *see* Advisory Commission on Intergovernmental Relations.
Acorns, moisture content critical for cherrybark oak germination, 4309
Acoustics, *see* Sound.
Acreage marketing guides, 4102
Actuaries, employment outlook, 4521
Acuity, near visual, under low-level red and white light, 3715
Adapters, spacecraft region, method for predicting launch vehicle vibration levels, 4665
Addresses, lectures, etc.:
  by—
    Brimmer, Andrew F., 4282
    Chartener, William H., 3906–8
    Clifford, Clark M., 4146
    Davis, Howard P., 3669
    Gallagher, Ursula M., 3865–66
    Hearn, George H., 4259
    Hendrick, James P., 4994
    Hirshberg, Robert L., 4422
    Irving, George W., Jr., 3630
    Leonard, Rodney E., 3670
    Middleton, John T., 4869
    President Johnson, 3951
    Schnittker, John A., 3631
    Seaborg, Glenn T., 3817–18
    Stafford, George M., 4430
    Switzer, Mary E., 4927, 4929–30
    Tape, Gerald F., 3816
    Watson, W. Marvin, 4851
    Wood, Robert C., 4391
  FMC SP series, 4259
  HEW forum papers, achievements and challenges, 4373
Adelman, Howard M., method for computation of vibration modes and frequencies of orthotropic thin shells of revolution having general meridional curvature, 4710
Adhesion, absorption rate sticking probabilities for oxygen on columbium and dilute columbium-zirconium alloys, errata, 4703
Adhesives:
  gluing fire-retardant-treated Douglas-fir and western hemlock, 4304
  simplified test for adhesive behavior in wood sections exposed to fire, 4305
Administrative agencies, *see* Government offices.
Administrative management:
  contractor data and reports, list, 3687
  franchising, management development program, instructor's manual, 4923
  management course program, topic, 4923
  personnel management, pay, national survey, 4597
  San Isabel National Forest, impact survey, report of effects of Fryingpan-Arkansas project, 4301
  value engineering, in-house conference, role in support of defense management objectives, 4127
Administrative procedure, Government offices, investigation, authorization, report, 4057
Administrators, *see* Hospital administrators.
Adoption, child welfare, 1967 statistics, 3868
Adsorption, granular, activated-carbon adsorption, feasibility for waste-water renovation, 4879
Adult education, *see* Education.

Index

Advertising:
public utilities promotional practices and their impact upon small business, hearings, 4003
workers, employment outlook, 4474
Advisory Commission on Intergovernmental Relations, intergovernmental problems in medicaid, hearing, 3615
Advisory Commission on International Educational and Cultural Affairs, annual report, 3976
Advisory committees:
National Institutes of Health, public advisory groups, roster of members, 4786
PHS public advisory groups, authority, structure, functions, 4889
AEC, *see* Atomic Energy Commission.
Aerodynamics:
data on large semispan tilting wing, etc., 4741
forces on stationary and oscillating circular cylinder at high Reynolds numbers, 4756
see also Boundary layer.
Aeronautical and Space Sciences Committee, Senate, investigations and studies, aeronatuics and spaces activities, authorization, report, 4048
Aeronautical instruments, standard calibration table for aeronautical pressure measuring equipment, military standard, 4134
Aeronautical lighting, *see* Lights and lighting.
Aeronautics:
activities of Federal departments, etc., investigation, authorization, report, 4048
aeronautical display and control problems, advanced electronic applications, study, 4670
aeronautical research and development, hearings, 4001
civil aviation—
employment outlook, 4574
publications, price list, 4867
Federal aviation regulations, 4233–47
naval aviation, publications, price list, 4867
see also certain headings beginning Air.
Aerospace, *see* Outer space.
Aerospace engineers, employment outlook, 4505
Aerospace environment, *see* Environment.
Aerospace medicine, *see* Medicine.
Aerospace Research Office:
OAR progress, 1968 report, 3689
OAR series, 3689
Afars and Issas, *see* French Territory of Afars and Issas.
AFHRL, *see* Air Force Human Resources Laboratory.
AFOSR, *see* Air Force Office of Scientific Research
Africa:
climatological mean probability of penetrable optical path for high intensity, high contrast optical targets, maps, 4220
mineral industry, minerals yearbook chapter, 4625
AFSCM, *see* Air Force Systems Command.
Aged, health insurance under social security, July 1, 1967, number insured, 4936
Agricultural adjustment act, *see* Agriculture.
Agricultural commodities, *see* Agricultural products.
Agricultural economics, *see* Agriculture.
Agricultural engineers, employment outlook, 4505
Agricultural finance, *see* Agriculture.
Agricultural occupations, employment outlook, 4567
Agricultural products:
agricultural exemption in interstate trucking, economic performance of motor carriers, 3649
Agricultural products—Continued
analysis of agricultural research in relation to increasing demand, 3668
European Economic Community, 1961–67 agricultural trade statistics, 4158
foreign trade by commodities, 1968 fiscal year, 4159
marketing research reports, 3646–49
orderly liquidation of stocks of agricultural commodities held by Commodity Credit Corporation and expansion of markets for surplus agricultural commodities, 3662
packaging produce in trays at central warehouse, 3646
perishable agricultural commodities act, text and regulations under act, 4106
production research reports, 3668
Agricultural research, *see* Agriculture.
Agricultural Research Service, ARS series, 3619–22
Agriculture:
agricultural economic reports, 4154
agricultural economics, periodic reports, list, 3667
agricultural research (periodical), indexes, 3617–18
agriculture handbooks, 3622
agriculture information bulletins, 3633
control of agriculture-related pollution, report, 3634
Denmark, agricultural economy and trade, 4157
farm relief and agricultural adjustment acts, compliation, 3941
finance outlook, 4155
Foreign Agricultural Service, miscellaneous FAS–M series, 4290
1968 balance sheet, 3633
research as an investment (talk), 3630
sewage effluent and sludge for agricultural utilization, bibliography, 4287
United States, background facts, 3644
Agriculture and Forestry Committee, Senate, hearing, 4068
Agriculture Department:
Assistant Secretary, nomination of Clarence D. Palmby, hearing, 4068
guide to understanding, 4850
institutional meat purchase specifications approved, portion-cut meat products, amendment, 4103
leaflets, 3642–45
marketing research reports, 3646–49
miscellaneous publications, 3650–61
PA [program aid] series, 3663–66
production research reports, 3668
Secretary, nomination of Clifor M. Hardin, hearing, 4068
statistical bulletins, 3671–72
technical bulletins, 3673
Under Secretary, nomination of J. Phil Campbell, hearing, 4068
Agua Fria River:
drainage area, flood hazard in Maricopa County, Ariz., how to avoid damage, 4199
flood plain information, 4200
Aguada limestone of northwestern Puerto Rico, 4354
Aguilar, Carlos J., relief, 4018
AIB series, 3633
Aid to the blind, *see* Public assistance.
Aid to the permanently and totally disabled, *see* Public assistance.
Aid to the totally disabled, *see* Public assistance.
Aids to navigation, *see* Navigation.
Ainsworth unit, *see* Missouri River Basin project.
Air, *see* Air pollution.
Air carriers:
airfreight rates, introduction, 3869
commercial air service, etc., laws, compilation, 3942

Air carriers—Continued
transportation of dangerous articles and magnetized materials, Federal aviation regulations, change, 4241
Air conditioning, equipment, current industrial reports, 3835
Air conditioning mechanics, *see* Mechanics (persons).
Air crews, *see* Flight crews.
Air drop operations, airdrop of supplies and equipment, Army technical manual, 3781
Air Force:
character of Air Force dentistry, 3691
eye opacities in flying personnel, 3693
officers, selection and classification tests, 1968, development, 3677
personnel, physical evaluation for retention, retirement, and separation, manual, 3678
pilots, psychiatric strengths and weaknesses, 3717
publications, price list, 4867
reasons for enlistment, 3675
scientific research, 1962, bibliography, 3674
yellow lenses in Air Force operations, 3701
Air Force Academy, Colo., cadets, class of 1968, predicting 1st year achievement, 3676
Air Force Department:
Air Force manuals, 3678–84
Air Force pamphlets, 3685–86
OAR series, 3689
Personnel Research Laboratory, technical reports, 3690
Secretary, nomination of Robert C. Seamans, jr. hearing, 4072
Air Force Human Resources Laboratory, technical reports, 3675–77
Air Force Office of Scientific Research, AFOSR series, 3674
Air Force Systems Command, manual, 3687
Air National Guard, *see* National Guard.
Air piracy, Caribbean area, report, 3988
Air pollution:
air conservation, whose responsibility (address), 4869
air quality—
data, from national air sampling networks, etc., 4871
Metropolitan Boston Intrastate Air Quality Control Region, consultation, report, 4895
San Francisco Bay Area Air Quality Control Region, consultation, report, 4896
control—
agriculture-related pollution, report, 3634
particulate air pollutants, techniques, 4885
program support under Air quality act of 1967, general information, 4870
sulfur oxide pollutants, techniques, 4886
environmental health series, 4878
environmental measurements, valid data and logical interpretation, symposium, 4878
role of science and technology in pollution abatement, report, 3999
Air Pollution Administration, *see* National Air Pollution Administration.
Air quality act, *see* Air pollution.
Air routes, *see* Airways.
Air service, *see* Air carriers.
Air traffic:
Army operations, field manual, 3752
navigable airspace, obects affecting, Federal aviation regulations, change, 4237–38
special rules and airport traffic patterns, Federal aviation regulations, change, 4240
Air traffic—Continued
supersonic transport operating practices during simulated operations in future air traffic control system environments, 4743
Washington National and Dulles International Airports, forecasts, 1968–74 fiscal years, 4249
Air transportation, *see* Air carriers.
Air Weather Service, technical reports, 3688
Aircarriers, *see* Air carriers.
Aircraft:
air piracy in Caribbean area, report, 3988
emergency procedure over water, 3887
fuel systems, conference on fire safety measures, report, 4288
general operating and flight rules, Federal aviation regulations, change 4239
inspection and repair, acceptable methods, techniques and practices, 4230
manufacturing occupations, employment outlook, 4568
navigation, theory and practice, 4758
rocket launchers, procurement, report, 3991
slender sharp-edge delta wings in ground proximity, lift and drag prediction, 4704
supersonic transport—
operating practices during simulated operations on future air traffic control system environments, 4743
with variable-sweep wings large-scale wind-tunnel investigation to improve low-speed longitudinal stability at high lift, 4733
V/STOL—
lifting surface theory and tail downwash calculations, in transition and cruise, 3784
quad configuration, ducted propeller model, investigation, 3782
tilting wing, large semispan, with 0.4-diameter chord, single-slotted flap, and single propeller, chord below wing, aerodynamic data, 4741
Aircraft accidents:
collision avoidance, bibliography, 4231
human survival in emergencies, 4678
Aircraft fuel, *see* Motor fuel.
Aircrews, *see* Flight crews.
Airdrop operations, *see* Air drop operations.
Airfields, *see* Aviation fields—Heliports—Pavements.
Airmen, *see* Air Force—Flight crews.
Airplane accidents, *see* Aircraft accidents.
Airplanes:
airworthiness standards, transport category, Federal aviation regulations, change, 4235
light twin-engine airplane, full-scale wind-tunnel investigation of static longitudinal and lateral characteristics, 4716
t-tail deflected-elevator flutter, encountered, wind-tunnel study, 4746
variability in sonic boom signatures measured along 8000-foot linear array, 4747
Airports:
Army airfield-heliport operational and maintenance facilities, technical manual, change, 3779
Federal air program, Federal aviation regulations, change 4244
National Capital, Federal aviation regulations, changes, 4246–47
public, acquisition of U.S. land, Federal aviation regulations, change, 4245
see also Air traffic.
Airspace utilization, *see* Air traffic.
Airstream:
nonequilibrium air streams in Ames 1-foot shock tunnel, analysis, 4717
two supersonic airstreams in presence of shock waves momentum diffusion, preliminary investigation, 4712

Airways:
navigable airspace, objects affecting, Federal aviation regulations, changes, 4237–38
off-airway routes (non part 95), 3718
Airworthiness, *see* Airplanes.
Alarm systems, minimum security devices and procedures for Federal reserve banks and State member banks, 4279
Alaska:
asbestos occurrence in Eagle C–4 quadrangle, 4358
grant certain lands to natives, hearings, 4083
native land claims, settle, hearings, 4083
southeast, hemlock sawfly, 4328
tsunami of Alaskan earthquake, 1964, engineering evaluation, 4198
Alaska Native Commission, create, hearings, 4083
Albemarle Group of N.C., Carolina slate belt, stratigraphy, 4352
Alcoholics, community service for persons with drinking problems, major issues in developing, 4898
Alcoholism, *see* Alcoholics.
Alcoholism, National Advisory Committee on, *see* National Advisory Committee on Alcoholism.
Algae, lichens, title page and contents, 4794
Algeria:
background notes, 4948
Mauritania boundary, study, 4966
Alimony, payments, income tax deductions, 4410
All-Union:
NOTE.—For headings beginning All-Union, *see* Union of Soviet Socialist Republics.
Allen, R. G., calculation of retinal burn and flashblindness safe separation distances, 3707
Allentown, Pa., area wage survey, 4592
Allowances, *see* Pay, allowances, etc.
Alloys:
superalloys, nickel-base superalloy sheet, sensitivity of creep-rupture properties to sharp edge-notches in temperature range, 4679
W–20 percent Mo alloy fabricated by powder metallurgical methods, homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of, 4762
see also names of metals, etc.
Alpha particles, absolute measurement of alpha emission and spontaneous fission, 3801
Alpha rays, *see* Alpha particles.
Altitude, effects of prolonged reduced pressure on growth and nitrogen content of turnip, 3705
Altitude chambers, unique altitude chamber for infectious disease research under aerospace profiles, 3702
Altug, Mete V., relief, 4024
Aluminum:
alloys, exposed up to 25,000 hours at 200° to 400° F. (370° to 480° K.), tensile properties and creep strength, 4736
electrowinning aluminum from aluminum chloride, operation of 2-compartment cell, 4636
friction, deformation and wear, effect of orientation and presence of surface active materials, 4724
industry, employment outlook, 4569
ingot and mill products, current industrial reports, 3837
Aluminum chloride, electrowinning aluminum chloride, operation of 2-compartment cell, 4636
Aluminum foil, converted, current industrial reports, 3836
AMC, *see* Army Materiel Command.
America, *see* United States.
American Legion, 6-cent commemorative postage stamp (poster), 4853
American Society of Planning Officials, urban planner in health planning, 4902
AMG, see Acreage marketing guides.
Amino acids, S-2-(3-aminoprophylamino) ethyl phosphorothioic acid hydrate as radioprotectant in rodents and primates, 3716
Ammunition, commerce in ammunition, Internal Revenue regulations, 4421
Amos, William E., HRD employability model, 4196
Amplifiers, low-noise, error analysis of input-noise - temperature measurements, 4727
Analysis, *see* names of substances analyzed.
Anatomy, late somatic effects of ionizing radiation, 3812
Anchors, rock-bolt anchor creep, load loss, 4641
Andersen, Richard H., advanced high temperature combustor research for small gas turbine engines, final report, 3783
Anderson, Gordon B., calibration procedures for load cells and proving rings as weighing devices, studies, 4766
Anderson, Maynard E., adapting flow-diversion valve and homogenizer to permit automated cleaning-in-place of milk processing lines, 3622
Anemia, equine infectious anemia, progress report and history in United States, 3624
Angular positions of X-ray emission lines of elements of common analyzing crystals, 4621
Animal drawn vehicles, *see* Vehicles.
Anisotropy, rock, near-surface horizontal, 4645
Annuities, *see* Civil service pensions—Pensions.
Antarctic regions, experimental snow runway pavement, 3749
Antarctica, *see* Antarctic reigons.
Antennas, monopulse arrays with discrete elements, analysis and synthesis, 4216
Anthracite, *see* Coal.
Anthropologists, employment outlook, 4552
Antitrust laws, *see* Trusts (industrial).
Apartment houses, fallout shelter design techniques, 3871
Apollo 8, man around the moon, 4692
Apollo project, *see* Project Apollo (man-in-space program).
Apollo spacecraft, *see* Spacecraft.
Appalachian region, systematic jointing in western part of anthracite region of eastern Pennsylvania, 4351
Apparel, *see* Clothing.
Apple trees, *see* Apples.
Appliances, *see* Electric apparatus and appliances—Household appliances.
Apprentices:
disadvantaged young men prepare for well-paying careers in maritime fleet, training program for cooks, bakers, butchers, 4195
employment opportunities, jobs for which apprenticeship training is available, 4605
Appropriations:
statements, 90th Congress, 1st session, 4009
supplemental, 1968–70, proposals, 3970
Appropriations Committee, House, briefing on Sentinel anti-ballistic missile system, 3983
APTD, *see* Public assistance.
Aptitude tests, Air Force officer selection and classification tests, development, 3677
Aquatic plants, *see* Waterweeds.
Arc (electric), *see* Electric arc.
Arc heating, convected balanced arc, experimental and theoretical analysis, 4681

Arc welding, *see* Welders.
Architect of Capitol, payroll activities, GAO review, 4011
Architects:
employment outlook, 4477
publications of interests to, list, 4298
see also Landscape architects.
Architecture:
apartment buildings, fallout shelter design techniques, 3871
buildings of Puget Sound area, influence of design on exposed wood, 4302
Area wage survey, *see* Wages.
Arkansas River and Valley:
geology of Arkansas Valley coal field (series), 4362–63
Ozark Lock and Dam and lock and dam no. 9, engineers report—
departmental edition, 4211
document edition, 4008
Armed Forces:
capsule facts for Armed Forces (series), 3719–29
need for improved accounting for civilian employees' leaves of absence in military depts., GAO review, 4341
reemployment rights of Federal employees who perform duties in, 3884
status of U.S. forces in Turkey, agreement, 4973
Armed Forces Information Service, DoD pamphlets, 3719–31
Armed Forces Institute, bulletin, 4147
Armed Services Committee, House:
committee document, 3986
committee print, 3984
hearing, 3985
subcommittee print, 3991
Armed Services Committee, Senate:
hearings, 4069–72
investigations and studies, authorization, report, 4049
Armed Services papers, 3985–86
Arms Control and Disarmament Agency, research reports, 3734
Armstrong, Ernest S., computational method for time-optimal space rendezvous, 4742
Army:
air traffic operations, field manual, 3752
airfield-heliport operational and maintenance facilities, technical manual, change, 3779
aviation facilities planning, technical manual, 3776
division, organization, etc., field manual, 3755
larger units, theater Army-corps, field manual, 3756
United States Army in World War II, global logistics and strategy, 4618
Army Aviation Materiel Laboratories, technical reports, 3782–85
Army Department:
field manuals, 3752–56
Natick Laboratories technical reports, 3757–62
pamphlets, 3763–73
Secretary, nomination of Stanley R. Resor, hearing, 4072
technical manuals, 3776–81
Army Electronics Command, research and development technical reports, 3737–42
Army Materiel Command:
AMC pamphlets, 3735–36
publications and blank forms, 3735
Army National Guard, *see* National Guard.
Array theorem, *see* Antennas.
Arroyo de los Chamisos:
flood plain information, 4201
floods in Santa Fe, N. Mex., how to avoid damage, 4210
Arroyo Hondo:
flood plain information, 4201
floods in Santa Fe, N. Mex., how to avoid damage, 4210
ARS, *see* Agricultural Research Service.
Arson, riots, looting, and burning, subversive influences, hearings, 4005
Art:
arts and the humanities, Office of Education support, 4189
works and reproductions, catalog of copyright entries, 4114–15
Artificial islands, and fixed structures on outer Continental Shelf, rules and regulations, 3889
Artists, commercial, employment outlook, 4491
Asbestos:
occurrence in Eagle C–4 quadrangle, Alaska, 4358
workers, employment, outlook, 4535
Ascorbic acid, *see* Vitamins.
Assemblers, factory operatives, employment outlook, 4506
Associate training programs in medical and biological sciences at National Institutes of Health, 4775
Astronautics:
physiological measurement techniques for applicability to space flight conditions, review, 4686
planetary probe guidance accuracy influence factors for conjunction-class missions, 4701
see also Bioastronautics.
Astronauts, rescue and return of astronauts and return of objects launched into space, agreement, 4978
Astronomers, employment outlook, 4537
Asymptotic solutions, *see* Mathematics.
Atlantic Ocean, North and South, major currents, etc., 4824
Atlantic States:
Middle—
fisheries, annual summary, 3915
truck inventory and use survey, 3831
small business regional export industries and institutions over next decade, potentials and problems of developing, hearings, 4100
Atlases:
catalog of copyright entries, 4117
fishermen's atlas of monthly sea surface temperatures for Gulf of Mexico, 3918
Atmosphere:
atmospheric disturbances on space vehicle design using statistical approaches for analysis, influential aspects, 4708
entry and landing for manned planetary missions, research problems, 4714
Martian, television experiment for three point-mass descent trajectories, requirements, 4749
modified, effects of atmosphere on market quality of lettuce shipped in nitrogen-refrigerated and mechanically refrigerated trailers, 3647
national atmospheric sciences program, 1969 fiscal year, 4252
upper atmosphere geophysics, report UAG series, 4225
Atmospheric pressure, aeronautical pressure measuring equipment, standard calibration table for, military standard, 4134
Atomic blasting, Plowshare program, civil, etc., used for nuclear explosives, 3803–6
Atomic energy:
cooperation for civil uses, agreement with Brazil, 4974
cooperation, international agreements, hearings, 3937
employment outlook, 4571
legislation through 90th Congress, 2d session, compilation, 3936
peaceful uses, safeguards, research and development, 3814
program for fiscal year 1970 and beyond, brief look (remarks), 3816
understanding the atom series, 3820

Atomic Energy Commission:
AEC research and development reports, 3788–3815
descriptive cataloging guide, 3810
food irradiation contractors' meeting, 3797
telephone directory, 3819
Atomic Energy Commission Library, science and society, bibliography, 3809
Atomic Energy Joint Committee:
committee print, 3936
hearings, 3937
Atomic power engineering, *see* Nuclear engineering.
Atoms:
international atom, new appraisal—
keeping the peaceful atom peaceful (lecture), 3818
past and the promise (lecture), 3817
understanding the atom series, 3820
Attenuation:
clutter attenuation analysis, 3737
neutron and photon attenuation through lithium hydride and tungsten spherical media, transport study, 4719
Attorney General, *see* Justice Department.
Attorneys, *see* Lawyers.
Audiologists, employment outlook, 4554
Auditing, Washington internal audit activities of International Development Agency, GAO review, 4346
Auditors, pay, national survey, 4597
Australia:
climatological mean probability of penetrable optical path for high intensity high contrast optical targets, maps, 4221
river adjustment to altered hydrologic regimen, Murrumbidgee River and Paleochannels, 4366
southeast coast, sailing directions, change, 4821
Austria, business machine market, 3893
Authors, technical writers, employment outlook, 4526
Automatic data processing equipment, *see* Electronic data processing systems.
Automation, automated microanalysis of urinary ammonia, 3700
Automobile insurance, liability, industry, investigation, hearings, 4089
Automobile mechanics, *see* Mechanics (persons).
Automobile painters, *see* Painters.
Automobiles:
cost of operating, 4253
imported into U.S., regulations, 4121
parts countermen, employment outlook, 4478
Automotive body and fender repairman, *see* Body and fender repairman.
Autoxidation, *see* Oxidation.
Averitt, Paul, coal resources of United States, 4354A
Aviation, *see* Aeronautics.
Aviation accidents, *see* Aircraft accidents.
Aviation boatswain's mates, E 3 & 2, Navy training course, 4827
Aviation fields, Army, planning aviation facilities, technical manual, 3776
Aviation machinists mate, J 3 & 2, Navy training course, 4828
Aviators:
pilot schools, Federal aviation regulations, change, 4242
psychiatric strengths and weaknesses of typical Air Force pilots, 3717
see also Pilots and pilotage.
Awamura, Yuka, relief, 4045
Awards (arbitration):
National Railroad Adjustment Board, 4809
Awards (incentive), *see* Rewards (prizes, etc.).
Axial compression, and lateral pressure, general instability of eccentrically stiffened cylindrical shells, 4687
Azimuth, azimuthally dependent modes on uniform solid electron beams, 3741

B

Baccalaureate sources of science and engineering manpower, 4815
Background notes, 4948–61
Bailey, Ralph, current population survey reinterview program, 3863
Bakers and bakeries:
baking and milling industry (address), 3631
baking industry, employment outlook, 4572
see also Cooks.
Balance of payments:
policies and actions to improve, reports, 3905
program, revised guidelines for banks and and nonbank financial institutions, 4275
Ball bearings, *see* Bearings (machinery).
Balloons, natural-shaped logging balloon, operational test, 4318
Banking, *see* Banks and banking.
Banking and Currency Committee, House, hearing, 3987
Banking and Currency Committee, Senate:
committee print, 4073
investigations and studies, housing, Federal programs, etc.—
authorization, report, 4050
expenses, report, 4047
report, 4047
Banks and banking:
foreign banking procedures, legal and economic impact on United States, hearing, 3987
foreign operations under Federal reserve act, regulations, 4278
occupations, employment outlook, 4573
see also Banks for cooperatives—Federal intermediate credit banks.
Banks for cooperatives, banks of Farm Credit System supervised by Farm Credit Administration, audit report, 4338
Barbers, employment outlook, 4479
Barium, Ba I and II, transition probabilities critically evaluated, 4769
Barnes, J. A., tables of bias functions, B_1 and B_2 for variances based on finite samples of processes with power law spectral densities, 4765
Baro, Cesar, relief, 4023
Baroni, Liliana G., relief, 4044
Barr, Richard H.:
bond sales for public school purposes, 4162
current expenditures by local educational agencies for free public and secondary education, 4164
Barrancas National Cemetery, general information, 3743
Barrels, steel shipping, current industrial reports, 3856
Barrett, James W., pruning of ponderosa pine, effect on growth, 4330
Bartek, L. R., CH–47A Chinook engine load sharing, 3785
Bartlett, Lynn, jr., labor law and practice in Peru, 4470
Bastos, Alexander J., labor law and practice in Indonesia, 4469
Bates, Dorothy M., national program of institutional grants for science and science education, 4000
Bathing suits, womens bathing and swimming costume in United States, 4792
Battle act, *see* Exports.
Bayous, *see* names of bayous.
BD series, 4610

Beach erosion, control projects in Hawaii, on-site inspection report, 4097
Beads, as rocketsonde temperature sensors in mesosphere, theoretical comparison, 4688
Beams, radiation characteristic of aperture-limited dominant beam mode of lens-type beam waveguide, 3740
see also Electron beams.
Bearings (machinery):
Brayton-cycle turbomachinery rolling-element bearings, 4666
rolling-element bearing life from 400 to 600 F, 4730
Beaty, Chester B., sequential study of desert flooding in White Mountains of California and Nevada, 3760
Beauty operators, employment outlook, 4479
Beck, Harold L., external radiation levels on Bikini Atoll, 3798
Bedbugs, how to control them, 3643
Beetles, genus cryptocephalus, (Chrysomelidae: Coleoptera), in America north of Mexico, review, 4793
Behavior:
and circulatory responses to x-irradiation delivered at 200 rads per minute to whole body and trunk only, 3710
mouse, rat and dog behavior comparison of effects of psychotomimetic agents, USSR study, 4443
Belle Fountain Ditch:
and tributaries, flood control, engineers report—
departmental edition, 4212
document edition, 3947
Belt Railway, emergency board report, 4191
Beneficiation:
ferrochromium by molten salt electrolysis, 4647
titanium chlorination residues, 4642
Benson, Melvin O., continuing Near East crisis, 3989
Berman, Martin, angular positions of X-ray emission lines of elements for common analyzing crystals, 4621
Bethlehem, Pa., area wage survey, 4592
Bibliography:
adult basic education, 4160
agricultural utilization of sewage effluent and sludge, 4287
Air Force, 1962, scientific research, 3674
cancer, 4893
climate, Nepal, 4224
collision avoidance, 4231
distribution cost analysis, 4924
drug dependence and abuse, 4872
longleaf pine, 4331
marketing to low-income consumers, 3826
medicine, history, 4791
psychological and social aspects of human tissue transplantation, 4892
public health series, 4893
real estate business, 4925
Russian radioecology, bibliography of Soviet publications with citations of English translations and abstracts, 3808
science and society, 3809
small business, 4924–25
sources of information on labor in Japan, 4471
timber measurement problems in Douglas-fir region, 4329
Vietnam, 4426
WB/BC series, 4224
Bikini Atoll, external radiation levels, May 1967, survey, 3798
Binkley, Virgil W., operational test on natural-shaped logging balloon, 4318
Bioastronautics, determination of urinary testosterone utilizing column and gas-liquid chromatography, 3714
Biochemistry, determination of urinary testosterone utilizing column and gas-liquid chromatography, 3714
Biochemists, employment outlook, 4537
Bioinstrumentation, systems, NASA contributions, survey, 4698
Biological Laboratory, Galveston Tex.: general information, 3920
report, 3917
Biological products, regulations, Public Health Service, 4873
Biology:
associate training programs, NIH, 4775
biological effects, ionizing radiation, late somatic effects, 3812
mental retardation, its biological factors, hope through research, 4882
Biometry, status of research, 4788
Bird, John D., investigation of optimum design and flight of rockets, 4753
Birds, Bitter Lake National Wildlife Refuge, list, 4947
Birth certificates, coding, congenital malformations classification, for use in National Cleft Lip and Palate Intelligence Service, 4874
Bitter Lake National Wildlife Refuge, birds, list, 4947
Bittker, David A.:
nonequilibrium calculations of methane-fluorine-oxygen and butane-1-fluorine-oxygen rocket performance, 4721
theoretical nonequilibrium performance of oxygen difluoride-diborane rocket propellant, 4722
Bituminous coal, *see* Coal mines and mining.
Bjugstad, Ardell J., poor returns from Ozark woodland grazing, 4306
Black capitalism in the ghetto, 4194
Black Hills, east flank, Niobrara formation, phosphate nodules at base of, stratigraphic significance and petrology, 4365
Black River:
flood plain information, 4202
floods in Pocahontas, Ark., how to avoid damage, 4209
Blacksmiths, employment outlook, 4510
Blackwell, James A., Jr., preliminary study of effects of Reynolds number and boundary layer transition location on shock induced separation, 4731
Blade, O.C.:
diesel fuel oils, 1968, 4634
motor gasoline, summer 1968, 4635
Blades, gas turbine, transpiration cooled, flow reduction due to oxidation of wire-form porous sheet, analytical study, 4729
Blasting, agents, and commercial explosives, factors in selecting and applying, 4622
Bleeker, Theodore, sources of information on labor in Japan, 4471
Blind, aid to blind, public assistance program, 3787
Blindness, flashblindness and retinal burn, safe separation distances, calculation, 3707
Blood, red cells, radiochromium-labeled, and radioiron-labeled plasma, simultaneous measurement of blood parameters, 3712
Blood pressure:
circulatory responses to x-irradiation delivered at 200 rads per minute to whole body and trunk only, 3710
high, hypertension causes, treatment, research, etc., 4778
Blount, Winton M., nomination, hearing, 4095B
BLS report series, 4469–71
Blume, Hans-Juergen C., error analysis of input-noise-temperature measurements of low-noise amplifiers, 4727
Blunt bodies:
shock precursor heating on radiative flux to blunt bodies, effect, 4680

Blunt bodies—Continued
solutions of blunt-body stagnation-region flows with nongray emission and absorption of radiation by time-asymptotic technique, 4755
Blyth, James E.:
Indiana sawmills receive 232 million board feet of saw logs in 1966, 4314
veneer-log production and consumption, North Central region, 4333
Board of Trustees of Federal Hospital Insurance Trust Fund, annual report, 3968
Boatswains, *see* Aviation boatswain's mates.
Body (human), *see* Anatomy.
Body and fender repairman:
automotive body repairman, suggested guide for training course, 4161
employment outlook, 4478
Boilermakers, employment outlook, 4481
Boisvert, William E., major currents in North and South Atlantic Oceans between 64° N and 60° S, 4824
Boll weevils, *see* Weevils.
Boisenga, S.J., Great Lakes solar altitude charts and tables, 4611
Bolts and nuts, rock-bolt anchor creep, load loss, 4641
Bond, Deborah T., annual digest of State and Federal labor legislation, 4468
Bond, Victor R., matched-conic solutions to round trip interplanetary problems that insure state-vector continuity at all boundaries, 4705
Bond paper, *see* Paper.
Bonding of materials, refractory metal compounds by hot pressing, 4646
Bonds:
purchase plans under self-employed individuals tax retirement act, guide, 4417
sales for public school purposes, 4162
Book about space, 4904
Book of Mars, 4694
Bookkeeping machine operators, employment outlook, 4482
Books:
books, strips and leaves, classification definitions, 4844
Mars (planet), 4694
Boone, Thomas H., laboratory-field comparisons of built-up roofing membranes, 4768
Boots and shoes:
nonrubber footwear, Tariff Commission report, 4986
sealed insulated military boots, 3761
Borneo, south, southeast, and east coasts, sailing directions, change, 4820
Borrowing, *see* Loans.
Bosselman, Fred P., alternatives to urban sprawl, legal guidelines for governmental action, 4860
Bossier coupling, 4671
Boston and Maine Corporation, railroad accident, report, 4817
Boston, Mass:
area wage survey, 4602
metropolitan intrastate air quality control region, consultation report, 4895
Boatwick, Don, partitioning financial returns, application to growth of farm firms, 4156
Boundaries:
international boundary studies, 4964–66
studies—
Algeria-Mauritania, 4966
French Territory of Afars and Issas-Somalia, 4965
India-Pakistan, Rann of Kutch sector, 4964
Boundary layer:
boundary effects of uniform size roughness elements in two-dimensional flow in open channels, 4214
multidimensional gas flow through permeable char layers and its effects on ablation, 4752
Boundary layer—Continued
roughness drag due to two-dimensional fabrication-type surface roughness on ogive cylinder from force tests at transonic speeds, 4732
transition location and Reynolds number effects on shock-induced separation, 4731
Bowling-pin-machine mechanics, *see* Mechanics (persons).
BPR program (series), 4905
Brain, psychics and the brain, USSR study, 4450
Brayton cycle:
space power application, 1-megawatt reactor design—
neutronics design calculations 4740
thermal analysis and core design, 4739
turbomachinery rolling-element bearings, 4666
Brazil:
atomic energy cooperation for civil uses application of safeguards by IAEA, agreement, 4974
earth resources, cooperative research in remote sensing for earth surveys, agreement, 4972
Breakfasts, food cost control, school breakfast program, 4105
Bredin-Archbold-Smithsonian biological survey of Dominica, 4796
Brewster County, Tex., geology of Comstock-Indian Wells area, 4364
Bricklayers, employment outlook, 4484
Bridges, toll facilities in United States, 4906
Brimmer, Andrew F., addresses, etc., Jan. 10, 1969, 4282
Brittle fracture, *see* Fracture of metals.
Broadcasting, *see* Radio broadcasting—Radio stations—Television.
Brokers, real estate, employment outlook, 4542
Brotherhood of Railroad Trainmen, emergency board report, 4191
Brouns, Richard J., absolute measurement of alpha emission and spontaneous fission, 3801
Brown, Bobby J., boundary effects of uniform size roughness elements in two-dimensional flow in open channels, 4214
Brown, Elizabeth C., frozen fishery trade, historical statistics, 3910
Brown, R. R., copper removal from steel scrap by thermal treatment, feasibility study, 4640
Browse, *see* Forage plants.
Bruce, David, literature on timber measurement problems in Douglas-fir region, 4329
Brunhild, Gordon, distribution cost analysis, 4924
Brunner, Robert O., fiscal impact of social security program, 4938
Buckley, Donald H., effect of orientation and presence of surface active materials on friction deformation and wear of aluminum, 4724
Budget of United States:
estimates, submitted by the President, 90th Congress, 2d session, 4009
1970—
budget in brief, 3821
defense proposals, statement, 4146
departmental edition, 3822
appendix, 3823
District of Columbia—
departmental edition, 3824
document edition, 3957
document edition, 3956
appendix, 3958
supplement, executive, legislative, and judicial salary recommendations, 3825
Budgets, *see* names of departments, etc.

Budworms, spruce budworm tolerance to malathion in Montana and New Mexico, 4321
Buelow, Ralph W., waste disposal in the New York Bight, 4890
Buffalo, N.Y., riots, looting, and burning, subversive influences hearings, 4005
Buffalo National River, proposed, general information, 4806
Builders, publications of interest to, list, 4298
Building:
construction reports—
permits, housing authorized, 3833
residential alterations and repairs, 3834
methods, on permanent snow fields, 3751
Navy design manual, changes, 4818
see also Construction industry.
Building machinery, construction machinery, current industrial reports, change, 3839
Buildings:
exposed wood in buildings of Puget Sound area, influence of design, 4302
safeguarding against termites, 3638
see also Apartment houses.
Bulford, Dorothy E., collision avoidance, bibliography, 4231
Bulletins, *see* names of departments, etc., issuing bulletins—*also* subjects.
Burgett, August L., study of human operator performance using regression analysis, 4676
Burning, *see* Arson.
Burns and scalds, retinal burn and flashblindness safe separation distances, calculation, 3707
Bus drivers, *see* Motorbus drivers.
Bus mechanics, *see* Mechanics (persons).
Bush, Harold G., multidimensional gas flow through char layers and its effects on ablation, 4752
Business:
administrative management course program, topic, 4923
establishing in France, 3896
overseas business reports, 3893–3904
small business—
bibliographies, 4924–25
drug industry, problems, report, 3978
effect of promotional practices by public utilities, subcommittee report, 3979
impact of public utilities promotional practices, hearings, 4003
1969 tax guide, 4418
real estate, bibliography, 4925
regional export industries and institutions over next decade, potentials and problems of developing, hearings, 4100
Business machine mechanics, *see* Office machine servicemen.
Business machines, *see* Office furniture and equipment.
Businessmen, black capitalism in the ghetto, backed by SBA and Labor Dept., 4194
Butchers, disadvantaged young men prepare for well-paying careers in maritime fleet training program, 4195
Butenes, methane-fluorine-oxygen and butene-1-fluorine-oxygen rocket performance, nonequilibrium calculations, 4721
Butze, Helmut F., performance of swirl-can turbojet combustors at simulated supersonic combustor-inlet conditions, 4726
Buyers, *see* Purchasing agents.
Buying, *see* Purchasing.

C

C&MS, *see* Consumer and Marketing Service.
C.C.C., *see* Commodity Credit Corporation.
C.F.S. series, 3910–16
CAA, *see* Community action agencies.
Cabinet Committee on Price Stability, staff studies, 4863
Cabrera, Joaquin F. Palmerola, *see* Palmerola, Joaquin F.
Calculation of retinal burn and flashblindness safe separation distances, 3707
Calculations, *see* Numerical calculations.
Calendars, abbreviated calendar record, 1966–67 solar geophysical activity and events, 4225
Calibration:
precision measurement and calibration, electricity, low frequency, 4763
procedures for load cells and proving cells as weighing devices, studies, 4766
California, water resources, 1967 data, 4369
Callis, Linwood B., solutions of blunt-body stagnation-region flows with nongray emission and absorption of radiation by time-asymptotic technique, 4755
Calvin, Okla., motor carrier accident, 4656
Cameras, continuous-writing ultra-high-speed framing camera, optical system for recording schlieren images with, 4718
Camissonia, revision of genus Camissonia (Onagraceae), 4795
Campaign Expenditures, 1968, Special Committee to Investigate, House, report, 3981
Campaigns (political), *see* Elections.
Campbell, Edward M., summaries of recent legislation affecting dentistry, 4789
Campbell, J. Phil, nomination, hearing, 4068
Canada, egg production tests, 1968 report, 3621
Cancer:
disease control programs, 4377
reading on cancer, annotated bibliography, 4893
regional medical programs, progress report, 4891
virus cancer research, 4784
Canned foods, *see* names or classes of foods canned.
Capacity of refrigerated warehouses in United States, 4980
Capital Forest, western Washington, spring season deer browsing of Douglas-fir, 4315
Capital of United States:
airports, Federal aviation regulations, change, 4246–47
welcome to Washington, 4808
Capitalism, black capitalism in ghetto, 4194
Carbon:
carbonaceous materials, and coal, X-ray studies, 4619
granular, activated-carbon adsorption, feasibility for waste-water renovation, 4879
Carbon dioxide, adaption of dogs to 60 and 90 mm. HG CO_2 at total pressure of 260 mm. HG, 3695
Cardiovascular system, cardiovascular training grant program directors, National Heart Institute, report of 15th conference, 4783
Cards, *see* Guide cards.
Career Service Board for Science, improving environment for science in HEW, report, 4375
Careers, *see* Government officials and employees—Occupations.
Caribbean area:
air piracy, report, 3988
climatological mean probability of penetrable optical path for high intensity high contrast optical targets, maps, 4221
Carload waybill statistics, *see* Railroads.
Carpenters, employment outlook, 4486
Carr, James N., business machine market in Austria, 3893.
Carriers:
heavy-specialized carriers play important role in economy (remarks), 4430
interstate commerce act, amend relative to cases, if appealed, be heard by circuit courts of appeals, hearings, 4088

334-546—69—No. 890——8

Carriers—Continued
railroad, schedule of annual indices, revised pages, 4431
Cashiers, employment outlook, 4488
Cataloging:
Atomic Energy Commission, descriptive cataloging guide, 3810
cataloging handbook, H series, 4122
cataloging manual M series, 4123
supply cataloging, Federal manual, alphabetic index, 4123
Catalogs:
copyright entries, 4114–18
Library of Congress, national register of microform masters, 4613
medical and veterinary zoology, 3626
National Bureau of Standards, standard reference materials, quarterly insert sheets, 4761
satellite and rocket experiments, data, 4760
Cattle:
sheep and cattle scabies eradication, cooperative State-Federal program, report, 3623
urea consumed by cattle on feed, 1965–66 feeding year, 4154
see also Cows.
Cattoir, Francis R., beneficiation of ferrochromium by molten salt electrolysis, 4647
Causes and Prevention of Violence, National Commission on, *see* National Commission on Causes and Prevention of Violence.
CCC, *see* Commodity Credit Corporation.
Cecil, S. R., storage stability of civil defense shelter rations, annual report, 3759
Cedar, northern white-cedar gross basal area growth is independent of stand density over wide range, 4307
Celebes, sailing directions, change, 4820
Cells, sarcoma, osmotically induced coalescence through intercellular bridges in vitro, 4745
Cellulose acetates, membranes, improved development for reverse osmosis, 4405
Cement masons, *see* Masons.
Cemeteries, *see* names of cemeteries or places where located.
Census:
current population survey reinterview program, 3863
governments 1967, topical studies, publications order form, 3830
population, 1960, people of rural America, 3862
transportation, 1963, advance and/or preliminary reports truck inventory and use survey, 3831–32
Census Bureau, technical papers, 3863
CENTO, *see* Central Treaty Organization.
Central America, climatological mean probability of penetrable optical path for high intensity, high contact optical targets, maps, 4221
Central nervous system, *see* Nervous system.
Central States:
veneer-log production and consumption, 4333
West North Central division, annual survey of manufacturers 1966, statistics of States, standard metropolitan statistical areas, and large industrial counties, 3828
West North, truck inventory and use survey, 3832
Central Treaty Organization, general information, 4967
Central Valley, surface water records, 4369
Centrifugal force, centrifugally stabilized disk and shell structures, equilibrium and force vibration forces associated with, errata, 4660
Ceramic engineers, employment outlook, 4505
Certificates, *see* types of certificates, or subjects involved.
CH–47, *see* Helicopters.
Chad, background notes, 4951
Chafee, John H., nomination, hearing, 4072
Chandler, Marjorie O.:
earned degrees conferred 1966–67, institutional data, 4165
students enrolled for advanced degrees, fall 1966, 4186
Changing patterns in residential services for mentally retarded, 4857
Changing strategic naval balance, U.S.S.R. vs. U.S.A., 3984
Channels, open, boundary effects of uniform size roughness elements in two-dimensional flow in, 4214
Chapman, D. Duane, microbiologic studies of activated sludge process for recycling of human wastes, 3696
Chapman, Paul H., behavioral and circulatory responses to x-irradiation delivered at 200 rads per minute to whole body and trunk only, 3710
Charitable institutions, medical research and educational activities of foundations, 4785
Charlotte, N.C., flood inundation and effects of urbanization on metropolitan area, 4370
Charring ablators, *see* Ablating materials.
Chartener, William H.:
addresses, etc.—
Jan. 14, 1969, 3908
Jan. 24, 1969, 3906
Jan. 29, 1969, 3907
Chase, Clarence D., Kansas woodlands, 4332
Chase, Edith B., techniques in water investigations, 4372
Cheek, Randall P., American shad, 3924
Chemical analysis, urinary ammonia, automated microanalysis, 3700
Chemical engineers, employment outlook, 4505
Chemical industries, *see* Chemicals.
Chemical smoke generator units and smoke operations, change, 3753
Chemicals:
chemicals and related products, trade and tariff information, summaries, 4987
industry, employment outlook, 4580
inorganic, trade and tariff information, summaries, 4987
see also Organic compounds.
Chemists:
employment outlook, 4537
pay, national survey, 4597
Cherrybark oak, *see* Oak.
Child care, *see* Children.
Child welfare, *see* Children.
Children:
child care—
income tax deduction, 4407
publications, price list, 4868
child welfare, 1967, statistics, supplement, 3868
Indian, education, etc., study, authorization, hearings, 4093
under 6, preprimary enrollment, 4181
Children's Bureau:
publications, 3867
statistical series, 3868
Chiricahua National Monument, general information, 4798
Chiropody, podiatrists, employment outlook, 4539
Chiropractors, employment outlook, 4489
Chrepta, M. M., design and analysis of statistical experiment on high-voltage breakdown in vacuum, 3742
Christopher, W. G., surface motion measurements, 3803
Chromatography, column and gas-liquid, to determine urinary testosterone, 3714
Chromium carbide, heats of formation, 4639
Chrysomelidae, *see* Beetles.
Cinephotography, *see* Photography.
Circuits:
electricity, circuit makers and breakers, classification definitions, 4841

Circuits—Continued
electronic, handbook, change, 4834
improved Eluex process for eluting uranium from ion exchange resins, 4648
inverter bridge, inductors for protecting power transistors against current surges in, analysis and design, 4725
inverter-converter parallel operation, 4663
Circulars, *see* names of departments, etc., issuing circulars.
Cities and towns:
alternatives to urban sprawl, legal guidelines for governmental action, 4860
Charlotte, N.C., flood inundation and effects of urbanization, 4870
intergovernmental cooperation in urban development, 1967 honor awards, 4388
social and economic conditions, trends, 3860
urban affairs, study—
authorization, report, 4050
expenses, report, 4047
see also Redevelopment (city planning, etc.).
City planners:
employment outlook, 4562
urban planner in health planning, 4902
City planning, *see* Redevelopment (city planning, etc.).
Civil aviation, *see* Aeronautics.
Civil defense, *see* Civilian defense.
Civil Defense Office:
student manual SM series, 3870
technical reports, 3871
Civil disorders, *see* Riots.
Civil disturbances, *see* Riots.
Civil engineers, employment outlook, 4505
Civil Rights Commission, publications catalog, 3872
Civil service:
examination announcements—
medical technologist, discontinuance notices, 3874–75
social worker, 3886
social worker representative, 3886
examinations, instructions to applicants, rural carrier, 3878
Federal, and social security protection, report, 4937
Federal personnel manual, supplement, 3877
job grading standard—
cook, 3879
fork lift operator, 3880
intermediate job, 3881
motor vehicle operator, 3882
trades helper jobs, 3883
job grading system for trades and labor occupations, Federal personnel manual, supplement, 3877
see also Government officials and employees.
Civil Service Commission:
Commissioner, nomination of James E. Johnson, hearing, 4095A
pamphlets, 3884–85
report, 1968—
departmental edition, 3873
document edition, 3955
Civil service pensions, Federal classified and postal employees, retirement annuity increases, 3997
Civilian defense:
civil defense shelter rations, storage stability, annual report, 3759
emergency preparedness, role of medicine, 4877
radiological defense, planning and operations guide, student manual, 3870
student manual SM series, 3870
Civilian employees, *see* Armed Forces.
Claims, Alaska native land claims settlement act of 1968, hearings, 4083
Classification, Navy, enlisted personnel manual, 4832
see also names of substances, objects, etc., classified.
Classification definition series, 4838–47
Classification tests, *see* Aptitude tests.
Clay County, W. Va., coal, preparation characteristics, 4638
Clean air act, *see* Air pollution.
Clearwater National Forest, general information, 4295
Clem, Joe P., sanitation guidelines for breaded-shrimp industry, 3921
Clergy, Protestant clergymen, Rabbis, Roman Catholic priests, employment outlook, 4490
Clerks, assignment, Washington, D.C., with State Department, 4968
see also Disbursing clerks—Office employees — Receiving clerks — Shipping clerks.
Clifford, Clark, M., statement, defense program, 1970–74, and 1970 budget, 4146
Climate:
Nepal, annotated bibliography, 4224
WB/BC series, 4224
Clocks and watches, watch repairmen, employment outlook, 4565
Cloth, *see* Textiles—*also* names of textiles.
Clothing:
apparel industry, employment outlook, 4570
apparel survey, 1967, current industrial reports, 3838
consumer information, publications, price list, 4868
see also Coats—Suits.
Clutter, *see* Radar.
Coakley, Robert W., United States Army in World War II, War Department, global logistics and strategy, 4618
Coal:
Clay, Gilmer, and Lewis Counties, W. Va., preparation characteristics, 4638
geology of Arkansas Valley Coal Field (series), 4362–63
resources, United States, 4354A
steam coals, pyrite size distribution and coal-pyrite particle association correlation with pyrite removal by float-sink methods, 4650
Sunnyside, from Utah, use of antifissurants in making better coke from, 4653
systematic jointing in western part of anthracite region of eastern Pennsylvania, 4351
X-ray studies of coal and carbonaceous materials, 4619
Coal mines and mining, underground bituminous, face ventilation, 4644
Coalescence osmotically induced, of sarcoma cells, through intercellular bridges in vitro, 4745
Coastal Engineering Research Center, technical memorandums, 4198
Coats, men's and boys', industrial wage survey, 4594
Cobalt, cobalt-60 gamma irradiation, dose rate effect on LD 50/30 in mice exposed, 3704
Cocks (plumbing):
drain cocks, and valves, general purpose, Federal item identification guide, 4131
Code of Federal regulations, *see* for titles, chapters, etc., of the Code printed separately, subject involved.
Codes, coding schemes based on strategic value, examples, 4707
see also subjects.
Codes of law, statutes of United States, revision and codification study, authorization, report, 4065
Coefficients, heat transfer, for hydrogen flowing through parallel hexagonal passages at surface temperatures to 2275 K, 4706

Cohen, Mark E., development of improved cellulose acetate membranes for reverse osmosis, 4405
Cohen, Marshall H., agricultural economy and trade of Denmark, 4157
Cohen, R., Brayton-cycle turbomachinery rolling-element bearings, 4666
Coke, antifissurants used in making better coke, from Sunnyside coal from Utah, 4653
Cold regions, science and engineering series, engineering, 3751
Cold Regions Research and Engineering Laboratory:
  research reports, 3744–46
  technical reports, 3747–50
Coldframe, plastic covered greenhouse cold frame, farm building plans, 3654
Coleoptera, *see* Beetles.
College contract program, *see* Colleges and universities.
Colleges and universities:
  baccalaureate sources of science and engineering manpower, 4815
  basic student charges, tuition, and fees, for board and room, 4175
  directory—
    higher education, 4166
    Negro, 4462
  earned degrees conferred, 1966–67, institutional data, 4165
  Federal financial support for higher education, toward long-range plan, report, 4381A
  financial statistics, 1965–66—
    current funds, revenues, and expenditures, 4169
    institutions of higher education, 4170
  grants for promoting advancement of science and education of scientists, study, 4000
  higher education amendments of 1968, programs, 4174
  higher education reports for participants in Higher Education Bureau programs, 4176
  job opportunities that may be open to applicants—
    college education usually required, 4606
    technical institute or other specialized training usually required, 4609
  placement officers, employment outlook, 4493
  State colleges, monetary restraint, borrowing and capital spending, 4277
  students enrolled, advanced degrees, 1966 fall, 4186
  two-year college contract program, NROTC, 4835
Collisions, *see* Aircraft accidents.
Colorado:
  electric rate book, 4263
  irrigation council, annual meeting, proceedings, 4908
Columbia River and Valley, snow survey and soil measurements for drainage in Canada, 4942
Columbium, *see* Niobium.
Combat areas, larger units, theater Army-corps, field manual, 3756
Combustors:
  advanced high temperature combuster research for small gas turbine engines, final report, 3783
  swirl-can turbojet, performance, at simulated supersonic inlet conditions, 4726
Commerce:
  agricultural economy and trade of Denmark, 4157
  agricultural trade statistics, 1961–67, European Economic Community, 4158
  convention on transit trade of land-locked States, agreement, 4976
  East-West trade, Battle act, report, 4963
  economic performance of motor carriers operating, under agricultural exemption in interstate trucking, 3649
Commerce—Continued
  foreign agricultural trade by commodities, 4159
  foreign trade balance (statement), 3907
  foreign trade, future United States policy, report, 4945
  foreign trade regulations, Morocco, 3895
  909 international trade fairs, 1969 year of big sell on every continent in every major market, 4424
  summaries of trade and tariff information, 4987–88
  see also names or classes of articles of commerce.
Commerce Committee, Senate:
  hearing, 4075
  investigation and studies, authorization, report, 4051
Commerce Department:
  annual report, 3890
  publications, 1967, supplement, 3909
  State Technical Services Office, annual report, 3892
Commercial artists, *see* Artists.
Commercial aviation, *see* Air carriers.
Commercial Fisheries Bureau:
  Biological Laboratory, Galveston, Tex.—general information, 3920
    report, 3917
  circulars, 3917–21
  historical statistics H.S. series, 3925
  special scientific reports, fisheries series, 3926–27
Commercial products, pyrotechnics and products not elsewhere enumerated, trade and tariff information summaries, 4988
Commercial treaties reciprocal trade agreement of 1934, with amendments, compilation, 3940
Commissioned officers, *see* Public Health Service.
Commodities, *see* Agricultural products.
Commodity Credit Corporation:
  member of board of directors, nomination of—
    Campbell, J. Phil, hearing, 4068
    Palmby, Clarence D, hearing, 4068
  orderly liquidation of stocks of agricultural commodities held by CCC, etc., 3662
Commodity exchanges, cotton and grain futures acts, compilation, 3939
Common Market, *see* European Economic Community.
Communications:
  comparison of sequential decoding metrics by computer simulation, 4751
  media and social rehabilitation programs (address), 4927
  Navy design manual, changes, 4818
  see also Radio communication.
Communism:
  Communist wars of national liberation, 3731
  subversive influences in riots, looting, and burning, hearings, 4005
Community action agencies, PERT for CAA planning, programed course of instruction, 4152–53
Community development programs community action program PERT for CAA planning, programed course of instruction, 4152–53
Community facilities financing by Housing and Urban Development Department, GAO review, 4344
Community Health Services, *see* Health.
Compensation, *see* Employers' liability and workmen's compensation.
Compounds, *see* names or classes of compounds, or purpose for which used.
Compressibility, compressive strength of rocks, influence of spherical head size and specimen diameters on uniaxial, 4652
Compressible flow, *see* Flow.

Compressors, current industrial reports, 3854
Computational method for time-optimal space rendezvous, 4742
Computers, *see* Electronic computers.
Comstock-Indian Wells area, Tex., geology, 4364
Concentrated foods, *see* names or classes of foods.
Concrete and related materials, evaluation for desalination plants, 2d annual progress report, 4398
Condemnation of land, *see* Condemnation of property—Eminent domain.
Condemnation of property, procedural guide for acquisition of real property by governmental agencies, 4458
Conduct of life, *see* Ethics.
Cone, Clarence D., Jr.:
mitotic synchronization of L-strain fibroblasts with 5-aminouracil as determined by time-lapse cinephotography, 4744
osmotically induced coalescence of sarcoma cells through intercellular bridges in vitro, 4745
Cones, plates, etc., force-penetration characteristics of a sand horizontally penetrated by, 4673
Conferences, congresses, etc., pointers on conference leadership, 4855
see also names of conferences, etc.—*also* subject of conference.
Conflict of interests, laws relating to Post Office Department, 4854
Congenital malformations, *see* Deformities.
Congress of United States:
congressional oversight of administrative agencies, National Labor Relations Board, hearings, 4087
Congressional record, 90th Cong., 1st sess., bound volume, 3929
daily digest, 3930
directory pictorial, 91st Congress, 3928
members, salary reform for top officials, recommendations, message from the President, 3971
reports to be made to Congress, list, 3963
Congressional record, *see* Congress of United States.
Congressional serial set, 3933–35
Conservation research reports, 4296
Constantinescu, V. N., lubrication in turbulent regime, 3794
Construction, *see* Building—Construction industry.
Construction equipment, *see* Building machinery.
Construction industry, construction reports, 3833–34
Construction labor, *see* Labor.
Construction machinery operators, *see* Operating engineers.
Consumer and Marketing Service, C&MS series, 4104
Consumer credit, *see* Credit.
Consumer goods, *see* Commercial products.
Consumer income, *see* Income.
Consumer Protection & Environmental Health Service, general information, 4875
Consumers:
bibliography on marketing to low-income consumers, 3826
information, publications, price list, 4868
Contagion and contagious diseases, infectious disease research under aerospace profiles, use of unique altitude chamber, 3702
Containers, shipping conferences and containerization (remarks), 4259
Continental Shelf, artificial islands and fixed structures, rules and regulations, 3889
Contract data management, 3687
Contractor report NASA CR (series), 4660–89
Contractors:
data and reports, management, list, 3687
NASA contractors trim cost, 4690
Contracts, *see* Government contracts.
Control of agriculture-related pollution, 3634
Control systems:
aeronautical, control problems, advanced electronic applications, study, 4670
contractor data and reports, management, list, 3687
proprioceptive cues and their influence on operator performance in manual control, 4672
single-controller multiloop tasks, measurement of pilot describing functions, 4669
surface-to-air missile series, engineering design handbook, 3736
Conventions and treaties, *see* subjects.
Converters:
inverter-converter parallel operation, 4663
static inverters and magnetic materials for evaluation, 4664
Cook, Anthony M., large-scale wind-tunnel investigation to improve low-speed longitudinal stability at high lift of supersonic transport with variable-sweep wings, 4733
Cooking appliances heating and cooking equipment, current industrial reports, 3846–47
Cooks:
disadvantaged young men prepare for well-paying careers in maritime fleet training program, 4195
job grading standard, 3879
Cooling, transpiration cooled turbine blades, flow reduction due to oxidation of wire-form porous sheet, analytical study, 4729
Cooperatives, *see* Banks for cooperatives.
Cope, E. M., cost of operating an automobile, 4253
Copper:
removal from steel scrap by thermal treatment, 4640
zinc-copper-titanium alloy, effect of varied extrusion temperature on properties, 4649
Copyright catalog of copyright entries, 4114–18
CARD, commissioned officer residency deferment program, 4897
Cores (atomic), *see* Reactors (atomic).
Corporations, banking and financing under Federal reserve act, regulations, 4278
Correctional facilities, *see* Reformatories.
Correctional rehabilitation, *see* Rehabilitation of criminals.
Corrosion and anticorrosives:
hot-salt stress-corrosion of titanium alloys, hydrogen generation and its embrittling effect, 4728
iron base alloy, low cost, corrosion resistance in hot sea water, development, 4401
Cortina, Aurelio J. Jiminez, *see* Jiminez Cortina, Aurelio J.
Cosmetologists, *see* Beauty operators.
Cost:
marketing, distribution cost analysis, bibliography, 4924
NASA contractors trim cost, 4690
see also subjects.
Costa Rica, Republic of, background notes, 4952
Cotton:
broadwoven fabrics average weight and width of fabrics, current industrial reports, 3841
broadwoven goods, current industrial reports, 3842–43
cotton and related data, 1930–67, statistics, supplement, 3672
cotton, manmade fiber staple, and linters, current industrial reports, 3844
futures, acts and other laws, compilation, 3939
processed by mills for specific end uses, nonlinear model for evaluation, 3673

Cotton—Continued
quality, 1967 crop, 4107
spider mites, control, 3645
Cotton mills, evaluation of cotton processed, for specific end uses, nonlinear model, 3673
Coulter transducers, *see* Transducers.
Council of Economic Advisers:
members, nominations of Paul W. McCracken, Hendrik S. Houthakker, and Herbert Stein, hearing, 4074
report—
departmental edition, 4858
document edition, 3962
Counseling, HRD employability model, guidelines, 4196
Counselors, school, rehabilitation, and vocational, employment outlook, 4493
Couplings, Bossler coupling, 4671
Courses of study, *see* Curriculum.
Court of Customs and Patent Appeals:
custom cases adjudged, 4119
patent cases adjudged, 4120
Court of Military Appeals, member, nomination of William H. Darden, hearings, 4071
Courts, *see* names of courts.
Courts marital and courts of inquiry, instruction guide, Air Force manual, change, 3683
Courts of United States:
Federal judicial system, study, authorization, report, 4060
volunteer probation programs, utilizing volunteers, manual, 4931
Cows:
dairy, partially open free-stall housing system, farm building plan, 3658
free-stall housing system, farm building plan, 3659
Cracking of metals, *see* Fracture of metals.
Cragun, John R., job inventory information, task reliabilities and scale interrelationships, 3690
Crashes, *see* Aircraft accidents.
Craters:
close-in air blast from cratering nuclear detonation in rhyolite, 3804
close-in ground motion and earth stress, 3806
geophysical properties of Palanquin crater site, 3805
surface motion measurements, Project Pre-Schooner Project II, 3803
Credit:
consumer credit statistics, revision, 4281
export financing programs, 4423
Creep of materials, rock-bolt anchor creep, load loss, 4641
Creep of metals:
creep-rupture properties of nickel-base superalloy sheet, sensitivity of, etc., 4679
elastic plastic strain and creep effects on reactivity changes of fast reactor core, 4738
strength and tensile properties of 3 aluminum alloys exposed, etc., 4736
Crews, *see* Flight crews.
Crime and criminals:
crime control, united strategy, 4459
crime in District of Columbia, investigation, authorization, report, 4052
criminal justice, qualified manpower crisis, analystic assessment with guidelines for new policy, 4928
International Criminal Police Organziation (remarks), 4994
riots, looting, and burning, subversive influences, hearings, 4005
Criminal law, investigation and study, authorization, report, 4059
Criminal procedure, investigation and study, authorization, report, 4059
Croker, Thomas C., jr., longleaf pine, annotated bibliography, 4331
Crouch, Glenn L., spring-season deer browsing of Douglas-fir on Capital Forest in western Washington, 4315
Crowds on ice, 3748
CRREL, *see* Cold Regions Research and Engineering Laboratory.
Crystals, angular positions of X-ray emission lines of elements for common analyzing crystals, 4621
Cuba, Republic of, background notes, 4953
Culture, joint committee on cultural and educational cooperation, agreement with Japan, 4977
Culvert pipe, *see* Pipe and pipe fittings.
Culverts, pipe-arch, hydraulic analysis, electronic computer program, 4905
Current fishery statistics, C.F.S. series, 3910–16
Current industrial reports, 3835–59
Currents, *see* Electric currents.
Curriculum:
forest technology, suggested 2-year post high school curriculum, 4171
metallurgical technology, 2- year post high school prgoram, 4178
political economy course, military-economic problems in USSR, 4437
Curvature (mathematics):
meridional method for computation of vibration modes and frequencies of orthotropic thin shells of revolution, 4710
Cylinders:
aerodynamic forces on stationary and oscillating circular cylinder at high Reynolds number, 4756
roughness drag due to two-dimensional fabrication type surface roughness on ogive cylinder from force tests at transonic speeds, 4732
Czarnecki, K. R., roughness drag due to two-dimensional fabrication-type surface roughness on ogive cylinder from force tests at transonic speeds, 4732

D

Dahomey, background notes, 4954
Dairy cattle, *see* Cows.
Dairy products, Tariff Commission report, 4984
Damping, effects of structural damping on flutter of stressed panels, 4720
Dams, *see* names of dams or bodies of water.
Dannels, Robert A., ETOM–1, Fortran IV program to process data from ENDF/B file to MUFT format, 3815
Darden, William H., nomination, hearings, 4071
Data, *see* subjects.
Davenport, Iowa, area wage survey, 4603
Davis, Howard P., address, Nov. 14, 1968, 3669
Dayton, Ohio, food distribution facilities, 3648
Deaf:
on frontier of silence, moral obligation to communicate (speeches), 4929
opportunities for hard of hearing and the deaf, 4912
Dealers, retail, liquor laws and regulations, 4412
Decisions, *see* names of courts, etc., rendering decisions.
Decoding, comparison of sequential decoding metrics by computer simulation, 4751
Decomposition, pyrolytic, studies of tetraethoxysilane for obtaining high-grade SiO_2 films, 3739
2-(1 decylamino) ethanethiosulfuric acid, *see* Sulfuric acid.
Dedication, discipline, duty, Republican report of Everett McKinley Dirksen, 4010
Deductions, *see* Income tax.
Deer:
browse production, rapid sampling and computer-aided analysis, 4312

Deer—Continued
spring-season browsing of Douglas-fir on Capital Forest, western Washington, 4315
Defense, Civilian defense—*see* National Defense.
Defense contracts, *see* Government contracts.
Defense Department:
Assistant Secretary, nomination of—
Froehlke, Robert F., hearing, 4070
Shillito, Barry J., hearing, 4070
cataloging handbook, H series, 4122
cataloging manual M series, 4123
Deputy Secretary designate, nomination of David Packard, hearings, 4071
handbook DSAH series, 4124–25
manual DSAM series, 4126
military standards, 4132–37
need for improved accounting for civilian employees' leaves of absence in military depts., GAO review, 4341
requirements contracting and other aspects of small purchases, GAO review, 4343
Secretary designate, nomination of Melvin R. Laird, hearings, 4071
value engineering conference, role of value engineering in support of defense management objectives, 4127
Defense Production Joint Committee, annual report, 3982
Defense Supply Agency:
field establishment directory, 4125
handbook DSAH series, 4124–25
manual DSAM series, 4126
MILSTRIP, military standard requisitioning and issue procedures, 4142
Defoliation, yellow lenses in Air Force operations, 3701
Deformations (mechanics):
diffusion law for dispersion of hard particles in ice matrix that undergoes simple shear deformation, 3744
friction, deformation and wear of aluminum, effect of orientation and presence of surface active materials, 4724
Deformities, classification of congenital malformations, for use in coding birth certificates in National Cleft Lip and Palate Intelligence Service, 4874
Degrees (colleges, universities, etc.):
advanced, fall 1966, students enrolled, 4186
earned degrees conferred, 1966–67, institutional data, 4165
de Korosy, F., influence of strongly bound counter-ions on permselective membranes, 4396
Delaware Water Gap National Recreation Area, general information, 4799
Demineralization of saline water, *see* Water.
Demonstration projects, *see* Recreational areas and demonstration projects.
Dendrometers, NETVSL, computer program for calculation of tree volumes with interior defect, 4323
Denmark:
agricultural economy and trade, 4157
market factors, 3899
Density, tables of bias functions, B_1 and B_2, for variances based on finite samples of processes with power law spectral densities, 4765
Dental care, *see* Dentistry.
Dental hygienists, employment outlook, 4494
Dental laboratory technicians, employment outlook, 4495
Dental technicians, dental laboratory technicians, employment outlook, 4495
Dentistry:
character of Air Force dentistry, 3691
recent legislation, 1968, summaries, 4789
Veterans Administration, career opportunities, 4997
Dentists, employment outlook, 4496
Dependents, disabled, income tax deduction, 4407
see also Veterans.
Desalination:
plants, evaluation of concrete and related materials, 2d annual progress report, 4398
250 million gallons per day combined vertical tube-flash evaporator plant, conceptual design study, 4399
Deschutes National Forest, designate Mount Jefferson Wilderness, report, 4046
Desertion (military):
military deserters, problem, hearings, 4069
Deserts, desert flooding in White Mountains of California and Nevada, sequential study, 3760
Design criteria for snow runways, 3750
Design manual DM series, 4818
Designs (aircraft):
integrated life support system for aerospace application utilizing radioisotopes for thermal energy, design study, 3799
optimum design and flight of rockets, investigation, 4753
Designs (architectural), *see* Architecture.
Desorption, and electrosorption process for demineralization, 4404
Detonations, *see* Nuclear explosions.
Diagnosis, medical diagnostic equipment, information retrieval system, USSR study, 4440
Diaz, Jose C. Suarez, *see* Suarez-Diaz, Jose C.
Diborane, oxygen difluoride-diborane rocket propellant, theoretical nonequilibrium performance, 4722
Dick, Richard A., factors in selecting and applying commercial explosives and blasting agents, 4622
Dickinson Bayou:
flood plain information, 4203
floods in Dickinson, Tex., how to avoid damage, 4206
Dickinson, Tex:
Dickinson Bayou floods, how to avoid damage, 4206
flood plain information, 4203
Dickson, John N., general instability of eccentrically stiffened cylindrical shells under axial compression and lateral pressure, 4687
Die makers, employment outlook, 4519
Diesel fuel, *see* Fuel oil.
Diesel mechanics, *see* Mechanics (persons).
Dietitians, employment outlook, 4498
Differential equations, *see* Equations.
Diffusion:
law for dispersion of hard particles in ice matrix that undergoes simple shear deformation, 3744
momentum, between 2 supersonic airstreams in presence of shock waves, preliminary investigation, 4712
Digests, *see* subjects.
Dipole moments, electro-optical method for proving surface nature of rigid electric dipole of arbitrary colloidal particles of water, USSR study, 4435
Directories:
Congress of United States, pictorial, 91st Congress, 3928
DSA field establishment, 4125
education, 1967–68, higher education, 4166
Government purchasing and sales, 4926
military assistance program address directory, 4140–41
National Institutes of Health member of public advisory groups, councils, committees, boards, study sections, roster, 4786
Negro colleges and universities, 4462
post offices, 1968, national ZIP code directory, supplement, 4856
reclamation projects, divisions, units, operated by water users, 4907

Directories—Continued
State, territorial and regional health authorities, 4876
telephone, Atomic Energy Commission, 3819
Dirksen, Everett M., Republican report, dedication, discipline, duty, 4010
Disability evaluation, Air Force personnel for retention, retirement and separation, manual, 3678
Disabled:
aid to disabled people, public assistance program, 3787
dependent care, income tax deduction, 4407
Disadvantaged Children, National Advisory Council on Education of, *see* National Advisory Council on Education of Disadvantaged Children.
Disadvantaged youth, *see* Youth.
Disasters:
aircraft—
emergencies, human survival in, 4678
emergency aircraft procedures over water, 3887
emergency health series, 4877
packaged disaster hospitals & hospital reserve inventories, 4888
role of medicine for emergency preparedness, 4877
Disbursing clerks, 3 & 2, Navy training course, 4829
Discrimination, *see* Race problems.
Discrimination in employment:
equal employment opportunity, report, 4226
equal opportunity in FAA employment, 4248
Discs, *see* Disks.
Diseases, diseases control programs (series), 4377, 4379
Disks, centrifugally stabilized disk and shell structures, equilibrium and free vibration problems associated with, errata, 4660
Display systems:
aeronautical display and control problems, advanced electronic applications, study, 4670
predictive, fundamental study, 4684
Distillation, solar distillation development program of Spain, technical cooperation, 4403
Distribution (economics):
drug makers and distributors, Task Force on Prescription Drugs, background papers, 4380
franchising, management development program, instructor's manual, 4923
marketing, cost analysis, bibliography, 4924
see also names of commodities.
District Courts, 3 judge district court provision in expenditing act, abolish, hearing, 4088
District of Columbia:
budget, 1970—
departmental edition, 3824
document edition, 3957
crime, investigation, authorization, report, 4052
Department of Sanitary Engineering, incinerator project, special studies, 4899
electric rate book, 4266
Public Service Commission, annual report, 4148
trust funds, legal investments, list, 4149
workmen's compensation act, work injuries under, 4193
see also Capital of United States.
District of Columbia Committee, Senate, investigations and studies, crime in District of Columbia, authorization, report, 4052
Diuresis, *see* Urine.
Dobbs, Carroll R., automated microanalysis of urinary ammonia, 3700
DoD pamphlets, 3719–31
Dogs:
adaptation to 60 and 90 mm. Hg CO_2 at total pressure of 260 mm. Hg 3695
behavior, psychotomimetic agents, comparison of effects, USSR study, 4443
Dohrn, Richard H., near visual acuity under low-level red and white light, 3715
Domingues, Eduardo Fernandez, *see* Fernandez-Dominguez, Eduardo.
Dominica, *see* Windward Islands.
Donnelly, Richard F., analysis of sudden ionospheric disturbances associated with proton flare of 1522 UT, 4217
Dosimeters, silver phosphate glass microdosimeters, effects of laboratory reprocessing, 3703
Douglas fir, *see* Fir.
Downwash (aircraft):
tail downwash calculations for V/STOL aircraft in transition and cruise, 3784
Draftsmen:
employment outlook, 4560
pay, national survey, 4597
Drag (aerodynamics):
lift and drag for slender sharp-edge delta wings in ground proximity, prediction, 4704
roughness drag due to 2-dimensional fabrication type surface roughness on ogive cylinder from force tests at transonic speeds, 4732
Drama, and works prepared for oral delivery, catalog of copyright entries, 4116
Drawings, scientific and technical, catalog of copyright entries, 4114–15
Dribensky, Stella, relief, 4039
Drilling, rotary drilling and coring in permafrost, investigation at Fort Churchill, Manitoba, 3747
Drinking places, fair labor standards act, minimum wage, effects of $1.00 minimum, 1968 report, economic effects, studies, 5003
Drivers, *see* Motor vehicle operators—Taxicab drivers.
Drug addiction, *see* Narcotic habit.
Druggists, *see* Pharmacists.
Drugs:
cost standards of drugs for which payments are made under social security amendments of 1967, findings of Health, Education and Welfare Dept., 3967
coverage of drugs under medicare, Task Force on Prescription Drugs, interim report, 4381
drug industry, small business problems, report, 3978
drug makers and distributors, Task Force on Prescriptions Drugs, background papers, 4380
indolylalkylamines as radioprotectants, 3713
pharmaceutical preparations, except biologicals, current industrial reports, 3853
prescriptions, coverage under title 18, social security act, findings of Health, Education and Welfare Dept., 3967
S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radioprotectant in rodents and primates, 3716
Drums (containers):
steel shipping, current industrial reports, 3856
Drying, shrinkage and footage loss in 4/4-inch hard maple lumber, 4324
DSA, *see* Defense Supply Agency.
Ductility, notch brittleness after prestraining, 4922
Duggan, Jerome L., proceedings of conference on use of small accelerators for teaching and research, etc., 3796

Dulles International Airport, air traffic forecast, 1968–74 fiscal years, 4249
Duncan, Basil R., relief, 4036
Dunmire, Daniel E., shrinkage and footage loss from drying 4/4-inch hard maple lumber, 4324
Dunne, Robert E., staff study of major riots and civil disorders, 4082
Duplicating processes, manifolding, 4845
Dynamic stability, *see* Stability of aircraft.

E

Eagle quadrangle, Alaska, asbestos occurrence, 4358
Earnings, *see* Wages.
Earth:
close-in ground motion and earth stress, 3806
radio bridge, Earth-Moon-Earth, 4759
resources, cooperative research in remote sensing for earth surveys, agreement with Brazil, 4972
water of the world, 4368
Earthquakes, tsunami of Alaskan earthquake, 1964, engineering evaluation, 4198
East (Middle East):
discussion guide issues, 4969
Near and Middle Eastern series, 4969
East (Near East):
continuing Near East crisis, background information, 3989
Near and Middle Eastern series, 4969
East-West trade, *see* Commerce.
Eastern Utilization Research and Development Division, laboratories and functions, 3628
Easton, Pa., area wage survey, 4592
Eating places, *see* Restaurants, lunchrooms, etc.
Ecology, plant, of arid basin Tres Alamos-Redington area, southeastern Arizona, 4361
see also Radioecology.
Economic conditions:
report of the President to Congress—
departmental edition, 4858
document edition, 3962
hearings, 3938
trends, metropolitan areas, 3860
U.S. economy, recent trends and outlook (remarks), 3908
see also names of countries, States, etc.
Economic development, role of social security, 4940
Economic Development Administration:
grants for public works and development facility projects, improvements needed in procedures for determining supplementary assistance, GAO report, 4340
1968 progress report, 4150
Economic Joint Committee, hearings, 3938
Economic Opportunity Office:
JCH series, 4151
OEO training manuals, 4152–53
Economic policy, revolutions in economic policy, 3906
Economic Research Service:
agricultural economic reports, 4154
ERS-foreign series, 4157–58
ERS series, 4156
periodic reports, list, 3667
Economic stabilization, *see* Stabilization.
Economics:
American economy and new technology, report, 3891
Federal role in economic revitalization, continuing review, hearing, 4096
impact of foreign banking procedures on United States, hearing, 3987
minerals in world economy, minerals yearbook chapter, 4632
political economy course, military-economic problems in USSR, 4437
Economists, employment outlook, 4552
Edgren, James W., potential damage to forest tree seed during processing, protective treatment and dissemination, 4319
Education:
adult basic education, bibliography, 4160
directory, higher education, 4166
health professions, educational improvement grants, 4883
Indian children, study, authorization, hearings, 4093
joint committee on cultural and educational cooperation, agreement with Japan, 4977
national defense education act, graduate fellowships, 1969–70 graduate programs, 4179
people who serve education, report on state of education professions, 4180
professions development act programs for 1969–70 institutes, summer, part-time academic year fellowships, 4167
progress in American education, research reports, 4183
see also Colleges and universities—Elementary education—Secondary education—Technical education.
Education Office:
educational research, graduate fellowship program, 4173
leadership training, career program, 4188
research and development centers, review, 4184
support for the arts and the humanities, 4189
Educational Resources Information Center, how to use ERIC, 4177
Eggs, production tests, U.S. and Canada, 1968 report, 3621
Elections, campaign expenditures committee, 1968, report, 3981
Electric apparatus and appliances:
consumer information, publications, price list, 4868
servicemen, employment outlook, 4476
Electric arc, convected balanced arc, experimental and theoretical analysis, 4681
Electric cooperative associations, board members, guide, 4918
Electric currents, inductors for protecting power transistors against current surges in inverter bridge circuits, analysis and design, 4725
Electric engineering, Navy design manual, changes, 4818
Electric engineers, employment outlook, 4505
Electric generators, motors and generators, current industrial reports, 3852
Electric lamps, current industrial reports, 3845
Electric power, *see* Electricity.
Electric power plants:
hydro-power plant transients, prototype measurements, Garrison and Oahe Dams, Missouri River, North and South Dakota, 4215
stream-electric plants, construction and production expenses, 4262
Electric relays, industrial controls, current industrial reports, 3857
Electric sign servicemen, *see* Electricians.
Electric switchgear, current industrial reports, 3857
Electric wire and wiring, devices and supplies, current industrial reports, 3858
Electrical, *see* headings beginning Electric.
Electricians:
construction, employment outlook, 4503
employment outlook, 4502
maintenance, employment outlook, 4520
1 & C, Navy training course, 4830
Electricity:
circuit makers and breakers, classification definitions, 4841
electric power occupations, employment outlook, 4575

Electricity—Continued
low frequency precision measurement and calibration, 4763
national electric rate book, 4263–69
Electrolysis:
beneficiation of ferrochromium by molten salt electrolysis, 4647
electrowinning aluminum from aluminum chloride, operation of 2-compartment cell, 4636
Electromagnetism, electromagnetic interference characteristics, requirements for equipment, military standard, 4133
Electromagnets, superconductive magnet system, 14-tesla, 15-cm-bore, 4677
Electron accelerators, *see* Accelerators.
Electron beams, uniform, solid, azimuthally dependent modes, 3741
Electron probe microanalysis, preparation and microprobe characterization of W–20 percent Mo alloy fabricated by powder metallurical methods, homogeneity characterization of NBS spectrometric standards, 4762
Electron tubes, selection of, military standard, 4132
Electronic circuits, *see* Circuits.
Electronic computers:
computer program to evaluate timber, production investments under uncertainty, 4311
deer browse production, rapid sampling and computer-aided analysis, 4312
NETVSL, computer program for calculation of tree volumes with interior defect, 4323
operating personnel, programers, systems analysts, employment outlook, 4504
program, hydraulic analysis of pipe-arch culverts, 4905
tablets of bias functions, B_1 and B_2, for variances based on finite samples of processes with power law spectral densities, 4765
uses, evaluation of design parameters and cost of heat exchangers, 4620
Electronic data processing systems:
ETOM–1, Fortran IV program to process data from ENDF/B file to MUFT format, 3815
inventory of equipment in Federal Government, 4286
Electronics:
electronic applications to aeronautical display and control problems, study, 4670
installation and maintenance book, change, 4834
manufacturing occupations, employment outlook, 4576
shipments of selected electronic components, 1960–67, consolidated tabulation, 3827
see also subjects in which electronics are used.
Electronics assemblers, training course, suggested guide, 4168
Electrooptics, electro-optical method for proving surface nature of rigid electric dipole of arbitrary colloidal particles of water, USSR study, 4435
Electroplaters, employment outlook, 4506
Electrosorption, and desorption process for demineralization, 4404
Electrowinning, *see* Electrolysis.
Elementary education:
elementary and secondary education act, title I, ESEA, review and forward look, 1969, annual report, 4658
elementary and secondary education, human investment programs, 4378
free public elementary and secondary education, 1966–67, current expenditures by local educational agencies, 4164
PACE report, 4861
preprimary enrollment of children under 6, description of survey, 4181
Elementary education—Continued
teachers, competency based, field centered, systems approach to education, 4163
Elevations, *see* Altitude.
Elevator constructors, *see* Mechanics (persons).
Elevators, deflected-elevator flutter on t-tail airplane, wind tunnel study, 4746
Ellipses, intermediate coasting ellipse, two-burn escape maneuvers, 4737
Eluex process test circuit, *see* Circuits.
Elution, *see* Separation processes.
Embrittlement, *see* Fracture of metals.
Emergencies, *see* Disasters.
Emergency boards, report, Illinois Central Railroad Company, Louisville & Nashville Railroad Company and Belt Railway Company of Chicago, 4191
Emergency Preparedness Office director, nomination of George A. Lincoln, hearing, 4070
Eminent domain, procedural guide for acquisitions of real property by governmental agencies, 4458
Emission:
alpha, absolute measurement, 3801
angular positions of X–ray emission lines of elements for common analyzing crystals, 4621
Employee training, *see* Apprentices.
Employees, earning and hours, retail trade, 4593
Employers, job rights of National Guardsmen, reservists and their employers, 5002
Employers' liability and workmen's compensation:
benefits for law enforcement officers, facts about compensation for non-Federal law enforcement officers, 4192
employee compensation programs in railroad industry, joint labor-management improvement program, 4272
publications, price list, 4866
Employment:
and stabilization policy (paper), 4282
concentrated program, total service for unemployed and underemployed, 4461
FAA, equal opportunity, 4248
HRD employability model, guidelines, 4196
job patterns for minorities and women in private industry, 4226
jobs—
apprenticeship training available, 4605
college education usually required, 4606
high school education generally required, 4607
high school education preferred, but not essential, 4608
junior college, technical institute, or other specialized training usually required, 4609
making the scene in jobs, school, training, through Neighborhood Youth Corps, 4464
occupational employment patterns for 1960 and 1975, 4595
outlook—
accountants, 4473
advertising, marketing research, public relations workers, 4474
agriculture, 4567
air conditioning and heating mechanics, 4475
aircraft, missiles, and spacecraft manufacturing occupations, 4568
aluminum industry, 4569
apparel industry, 4570
appliance servicemen, 4476
architects, 4477
asbestos and insulating workers, 4535
atomic energy field, 4571
automobile service and sales occupations, 4478
baking industry, 4572
banking, 4573

Employment—Continued
outlook—continued
barbers, cosmetologists, 4479
biological scientists, 4480
boilermaking occupations, 4481
bookkeeping workers, office machine operators, 4482
bowling-pin-machine mechanics, 4483
bricklayers, stonemasons, tile setters, terrazzo workers, 4484
business machine servicemen, 4485
carpenters, painters, paper hangers, glaziers, 4486
cashiers, 4488
cement masons, plasterers, lathers, 4487
chiropractors, 4489
civil aviation, 4574
clergy, Protestant clergymen, Rabbis, Roman Catholic priests, 4490
commercial artists, industrial designers, interior designers and decorators, 4491
conservation occupations, 4492
construction laborers, 4515
counseling and placement, 4493
dental hygeniests, 4494
dental laboratory technicians, 4495
dentists, 4496
diesel mechanics, farm equipment mechanics, 4497
dietitians, 4498
dispensing opticians, and optical mechanics, 4499
driving occupations, truck, bus, and taxi drivers, routemen, 4500
earth scientists, geologists, geophysicists, meteorologists, oceanographers, 4501
electric power occupations, 4575
electric sign servicemen, 4502
electricians (construction), 4503
electronic computer operating personnel, programmers, systems analysts, 4504
electronics manufacturing occupations, 4576
engineers, aerospace, agricultural, ceramic, civil, chemical, electrical, industrial, mechanical, metallurgical, mining, 4505
F.B.I. special agents, 4507
factory operatives, assemblers, electroplaters, inspectors, power truck operators, production painters, 4506
firefighters, policemen, policewomen, 4508
floor covering installers, 4509
forging occupations, blacksmiths, 4510
foundry occupations, 4577
furniture upholsterer, 4511
government occupations, 4578
home economists, 4512
hospital administrators, 4514
hotels, 4579
industrial chemical industry, 4580
insurance occupations, 4581
iron and steel industry, 4582
landscape architects, 4516
lawyers, 4517
librarians, 4518
machining occupations, instrument makers, machinists, machine tool operators, tool and die makers, setup men, layout men, 4519
maintenance electricians, industrial machinery repairmen, millwrights, 4520
mathematics and related fields, mathematicians, statisticians, actuaries, 4521
medical record librarians, 4522
medical technologists, medical laboratory assistants, 4523
medical X-ray technicians, 4524
motion picture projectionists, 4525
motor vehicle and equipment manufacturing, 4583

Employment—Continued
outlook—continued
newspaper reporters, technical writers, 4526
nurses, registered professional, licensed practical, and hospital attendants, 4545
occupational therapists, physical therapists, 4527
operating engineers (construction machinery operator), 4528
optometrists, 4529
osteopathic physicians, 4530
performing artists, 4531
personnel workers, 4532
petroleum and natural gas production and processing occupations, 4584
pharmacists, 4533
photographers and photographic laboratory occupations, 4534
physical scientists, chemists, biochemists, physicists, astronomers, 4537
physicians, 4538
plumbers and pipefitters, 4535
podiatrists, 4539
post office occupations, 4586
printing occupations, 4536
private household workers, 4513
psychologists, 4540
pulp, paper and allied products industry, 4585
purchasing agents, industrial traffic managers, 4541
radio and television broadcasting, 4587
railroad occupations, 4588
real estate agents and brokers, 4542
receptionists, 4543
recreation workers, 4544
restaurant occupations, 4589
sanitarians, 4547
securities salesmen, 4548
sheet metal workers, roofers, 4550
shipping and receiving clerks, 4549
shoe repairmen, 4551
social scientists, anthropologists, economists, geographers, historians, political scientists, sociologists, 4552
social workers, 4553
speech pathologists and audiologist, 4554
stationary engineers, stationary firemen, 4555
stenographers, secretaries, typists, 4556
structural and other iron workers, elevator contructors, 4557
surveyors, 4558
teachers, 4559
technicians, engineering and science, and draftsmen, 4560
telephone occupations, 4590
television and radio service technicians, 4561
tomorrow's jobs, 4472
urban planners, 4562
vending machine mechanics, 4563
veterinarians, 4564
watch repairmen, jewelers and jewelry repairmen, instrument repairmen, 4565
welders, oxygen and arc cutters, 4566
scientists and engineers in United States, 4810
self-employed people—
reporting their income, special information, 4941
retirement plans, 4417
see also Manpower—Occupations.
Employment, Manpower, and Poverty Subcommittee, Senate, legislative history and activities, 4091
Employment outlook for tomorrow's jobs, 4472
Employment Service, HRD employability model, guidelines, 4196
Energy, *see* Thermal energy.

Engelbart, D. C., human intellect augmentation techniques, 4682
Engineering:
baccalaureate sources of science and engineering manpower, 4815
cold regions science and engineering, 3751
evaluation of tsunami of 1964 Alaskan earthquake, 4198
Nimbus II, launch through orbit 5275, report and flight exaluation, 4702
Reclamation Bureau research progress, report, 4910
see also Value engineering.
Engineering geology:
contributions to engineering geology (series), 4349
Paducah East quadrangle, Ky., 4349
Engineers:
employment in United States, 4810
Forest Service career opportunities, 3650
pay, national survey, 4597
publications of interest to, list, 4298
see also Aerospace engineers—Agricultural engineers—Ceramic engineers—Chemical engineers—Civil engineers—Electric engineers—Industrial engineers—Mechanical engineers—Metallurgical engineers—Mining engineers—Operating engineers.
Engineers Corps, Army, land acquisition for reservoir projects, GAO review, 4345
Engines, internal combustion engines, current industrial reports, 3849
Engines (aircraft):
Chinook, CH–47A, engine load sharing, 3785
performance of swirl-can turbojet combustors at simulated supersonic combustor inlet conditions, 4726
small gas turbine engines, advanced high temperature combustor research, final report, 3783
Enrollment, *see* Elementary education—Schools.
Entertainers, performing artists, employment outlook, 4531
Entry into atmosphere, *see* Atmosphere.
Environment:
batch-feeding studies on high-solids activated sludge for treating human waste, 3708
environmental measurements, valid data and logical interpretation, symposium, 4878
health series—
air pollution, 4878
water supply and pollution control, 4879
managing the environment, report, 3999
national policy, requirements for effectiveness, report, 4086
Environmental Science Services Administration, technical reports, 4216–17
Epidemics, mathematical models, USSR study, 4441
Epidemiology:
New Jersey radium cases, follow-up, progress report, 3802
research and trends, USSR study, 4439
Epidemiology and Biometry Training Committee, report on status of research, 4788
Equal employment opportunity, *see* Discrimination in employment.
Equal Employment Opportunity Commission, message to employers, 4227
Equations:
differential, family of solutions of certain nonautonomous, by series of exponential functions, 4689
real gas effects in critical flow through nozzles and thermodynamic properties of nitrogen and helium at pressures to 300 x 105 newtons per square meters, 4695
Equilibrium:
and free vibration problems associated with centrifugally stabilized disk and shell structures, errata, 4660
nonequilibrium air streams in Ames 1-foot shock tunnel, analysis, 4717
Equine infectious anemia, *see* Anemia.
Equine piroplasmosis, *see* Piroplasmosis.
Ergun, Sabri, X–ray studies of coals and carbonaceous materials, 4619
ERIC, *see* Educational Resources Information Center.
ERL, *see* ESSA Research Laboratories.
Ernsberger, G. W., inverter-converter parallel operation, 4663
ERS, *see* Economic Research Service.
Escapees, *see* Refugees.
ESSA Research Laboratories:
ESSA technical report—
ERL–ITS series, 4216
ERL–SDL series, 4217
Estate tax, *see* Inheritance and transfer tax.
Esters, and metal organics, technical grade, military standard, 4136
Esteva, Cesar Baro, *see* Baro, Cesar.
Ethics, laws relating to ethical conduct and conflict of interest, Post Office Department, 4854
ETOM–1, Fortran IV program to process data from ENDF/B file to MUFT format, 3815
Eul, William A., shear strain properties to 10^{-10} of selected optical materials, 4675
Eulogies, *see* Memorial services.
Eurasia, climatological mean probability of penetrable optical path for high intensity, high contrast optical targets, maps, 4219
European Economic Community:
agricultural trade, 1961–67, statistics, 4158
grain developments in Common Market, 4290
European War, 1914–18, United States Marine Corps in World War, history, 4615
Evans, Keith E., characteristics and habitat requirements of greater prairie chicken and sharp-tailed grouse, review of literature, 4296
Evaporators, vertical tube-flash evaporator desalination plant, 250 million gallons per day, conceptual design study, 4399
Everett, Mass., railroad-highway accident report, 4817
Everglades (U.S.S.):
deployment to Malta, maritime matters, agreement, 4971
EXAMETNET, *see* Experimental Inter-American Meteorological Rocket Network.
Examinations, *see* Civil service.
Excitation, ratios of steady-state responses to various transient responses, both having equal maximum excitation levels, 4750
Executive departments, *see* Government offices.
Executive, Legislative, and Judicial Salaries Commission, report, 4228
Executive Papers, Joint Committee on Disposition of, report, 3980
Executive Seminar Center, Kings Point, N.Y., general information, 3876
Exhibits, experimentally oriented science exhibits from Lawrence Hall of Science, Berkeley, Calif., 3811
Expediting act, *see* Trusts (industrial).
Expenditures, *see* subject for which expenditures are made.
Experimental InterAmerican Meteorological Rocket Network, meteorological rocket observational data, etc., 1966 annual report, 4693
Explosives, commercial explosives and blasting agents, factors in selecting and applying, 4622

Exports:
adjusted and unadjusted data, 1958–68, with seasonal and working-day factors, 3864
changing patterns of U.S. trade in nonagricultural products and impact on Southern economy (remarks), 4422
expansion, regional products, hearings, 4100
financing programs, 4423
mutual defense assistance control act of 1951 (Battle act), report, 4963
policies and actions to improve U.S. balance of payments and of trade, reports, 3905
Extension work, helping others catch up, 3665
Extrasensory perception, psychics and the brain, USSR study, 4450
Extrusion processes, effect of varied extrusion temperature on properties of zinc-copper-titanium alloy, 4649
Eyes, eye opacities in flying personnel, 3693
see also Retina.

F

F.B.I., *see* Federal Bureau of Investigation.
F.H.A., *see* Federal Housing Administration.
Fabre, Frank R. S., relief, 4040
Fabrics, *see* Textiles.
Factories, factory operatives, assemblers, electroplaters, inspectors, power truck operators, production painters, employment outlook, 4506
Facts about U.S. money, 4993
Fair labor standards act, *see* Labor standards.
Fairs, 909 international trade fairs, 1969 year of big sell on every continent in every major market, 4424
Faison, Richard W., ratios of steady-state responses to various transient responses, both having equal maximum excitation levels, 4750
Falk, Leslie, K., procurement of library materials in Federal government, orientation aid, 4614
Fallout, *see* Radioactivity.
Families:
income, working wives, their contribution, 5008
social sciences and family retardation, family components, 4787
Fan, S.S.T., nonsteady one dimensional compressible fluid flow through anisotropic porous media, 3745
Farm buildings:
building plans—
farrowing and growing building for hogs, 3655
farrowing house, 3660
free-stall housing system for 88 cows, 3659
greenhouse framing for plastic covering, 3657
milkhouse, 3656
movable pen for truck platform, 3653
partially open free-stall housing system for dairy cows, 3658
plastic covered greenhouse coldframe, 3654
poultry house, post and panel construction, 3652
sprinkler pipe trailer, 3661
Farm implements and machinery, farm equipment mechanics, employment outlook, 4497
Farm relief, *see* Agriculture.
Farmers' bulletins, 3635–37
Farms, financial returns partitioned, application to growth of farm firms, 4156
Farr, Marie L., Bredin-Archbold-Smithsonian Biological Survey of Dominica myxomycetes from Dominica, 4796
Farrowing & growing building for hogs, farm building plan, 3655
Farrowing house, farm building plan, 3660
Fastenings, fastening surfacing materials in rehabilitation operations, guide, 4257
Fatigue of materials, *see* Strains and stresses.
FBI, *see* Federal Bureau of Investigation.
FDA, *see* Food and Drug Administration.
Federal aid, *see* Grants-in-aid.
Federal Aviation Administration:
definitions, abbreviations, Federal aviation regulations, 4233
equal employment opportunity, 4248
Federal aviation regulations, 4233–47
handbook series, 4248–48A
publications, price list, 4867
rulemaking procedures, Federal aviation regulations, change, 4234
Federal Bureau of Investigation, special agents, employment outlook, 4507
Federal civil service, *see* Civil service.
Federal employees, *see* Government officials and employees.
Federal government, *see* Government.
Federal Hospital Insurance Trust Fund, Board of Trustees of Federal Hospital Insurance Trust Fund.
Federal Housing Administration:
home mortgage insurance—
area trends, 4256
State trends, 4258
Federal intermediate credit banks, banks of farm credit system supervised by Farm Credit Administration, audit report, 4338
Federal item identification guides:
insulation, thermal, 4128
lens, lighting, 4130
valves, general purpose, and drain cocks, 4131
Federal manual for supply cataloging, 4123
Federal Maritime Commission, SP series, 4259
Federal National Mortgage Association, guaranties of participation certificates, opinion of Attorney General, 4456
Federal personnel manual, *see* Civil service.
Federal plan for meteorological services and supporting research, 4218
Federal Power Commission:
annual report—
departmental edition, 4261
document edition, 3959
publications, list, 4270
S series, 4262
Federal Prison Industries, Inc., financial statement, 1968, GAO examination, 4339
Federal reserve member banks:
minumum security devices and procedures for Federal reserve banks and State member banks, 4279
payment of interest on deposits, Federal reserve regulations Q, 4280
Federal Reserve System Board of Governors:
publications, list, 4276
regulation series, 4278–80
Federal specifications, *see* Government supplies.
Federal standards, 4284–85
Federal supply code, *see* Government supplies.
Feed, *see* Food for livestock.
Feed grains, *see* Grain.
Feeding programs (space flights), *see* Menus for spaceflight.
Fees, higher education, basic student charges, tuition, and fees for board and room, 4175
Fellowships:
education professions development act for programs 1969–70, institutes, summer, part-time academic years, 4167
graduate, program in education research, 4173

Fellowships—Continued
national defense, graduate 1969–70 programs, 4179
National Science Foundation, 4811
Fernandez, Lionel, medical research and education activities of foundations and nonprofit research institutes, 4785
Fernandez-Dominguez, Eduardo, relief, 4034
Fernandez-Gonzalez, Jose R., relief, 4014
Ferries, toll facilities in United States, 4906
Ferror, Fermin, relief, 4017.
Ferrochromium, beneficiation by molten salt electrolysis, 4647
Fertilizers:
commercial, consumption in U.S., 4981
nitrogen growth response of 35-year-old, site, V Douglas fir, 4317
FHA, *see* Federal Housing Administration.
Fibers, *see* Cotton—Textiles.
Fibroblasts, L-strain, mitotic synchronization with 5-aminouracil as determined by time-lapse cinephotography, 4744
Film strips, *see* Filmstrips.
Films (chemical):
stability of thin liquid film adjacent to high-speed gas stream, analysis, 4713
Films (metallic), *see* Metallic films.
Films (photography), *see* Motion pictures.
Filmstrips, catalog of copyright entries, 4118
Filters and filtration, yellow lenses in Air Force operation, 3701
Finance:
accounting and finance manual, DSA, change, 4126
family finances, publications, price list, 4868
farm firms, partitioning financial returns, applicable to growth, 4156
financial statements, Federal Prison Industries, Inc., GAO examination, 4339
financial statistics of institutions of higher education, 4170
financing community facilities by Housing and Urban Development Dept., GAO review, 4344
fiscal impact of social security program, 4938
General Accounting Office findings, etc., for improving Government operations, 1968 compilation, 3965
institutions of higher education, 1965–66, statistics, current funds, revenues, and expenditures, 4169
joint financial management improvement program, annual report, 4337
see also Credit.
Finance Committee, Senate:
additional clerical assistants, report, 4053
committee print, 4006
hearings, 4076–77
Financial assistance, *see* Grants-in-aid.
Financial statements, *see* Finance.
Financial statistics, *see* Finance.
Finch, Robert H., nomination, hearing, 4076
Fine, Paul M., psychiatric strengths and weaknesses of typical Air Force pilots, 3717
Fink, Marvin P.:
aerodynamic data on large semispan tilting wing with 0.4 diameter chord, single-slotted flap and single propeller 0.22 chord below wing, 4741
full-scale wind-tunnel investigation of static longitudinal and lateral characteristics of light twin-engine airplane, 4716
Fir:
Douglas—
fir region, timber measurement problems, bibliography, 4329
gluing fire-retardant-treated Douglas-fir and western hemlock, 4304
spring-season deer browsing, Capital Forest, western Washington, 4315
35-year-old, site V, growth response, to nitrogen fertilizer, 4317
Fir—Continued
forest, tree shadow pattern and illumination measurements within clearcut strips and irregular openings, 4320
Fire fighters, *see* Firemen (firefighters).
Fire fighting, *see* Fires.
Fire prevention, *see* Fires.
Fire protection, *see* Fires.
Fire retardants, *see* Fires.
Firearms:
commerce in firearms, internal revenue regulations, 4421
gun control act of 1968, text, 4409
Firemen (firefighters):
employment outlook, 4508
Fires:
fire-retardant-treated Douglas-fir and western hemlock, gluing, 4304
safety measures for aircraft fuel systems, conference report, 4288
simplified test for adhesive behavior in wood sections exposed to fire, 4305
tank vessels, fire fighting manual, 3888
see also Arson.
Fireworks, *see* Pyrotechnics.
Fiscal policy, *see* Finance.
Fish and fisheries:
current fishery statistics, CFS series, 3910–16
fish and wildlife act of 1956, as amended, text, 3919
fishery bulletin, 3922
fishery industrial research, 3923
fishery leaflets, 3924
frozen fishery trade, historical statistics, 3910
Hawaii fisheries, annual summary, 3914
Louisiana landings, annual summary, 3911
Massachusetts landings, 3913
Middle Atlantic fisheries, annual summary, 3915
New England fisheries, annual summary, 3916
North Carolina landings, annual summary, 3912
special scientific reports, fisheries series, 3926–27
Fishbein, William, clutter attenuation analysis, 3737
Fisheries, *see* Fish and fisheries.
Fishermen, fishermen's atlas of monthly sea surface temperatures for Gulf of Mexico, 3918
Fishery products, *see* Fish and fisheries.
Fishman, Leslie, reemployment experiences of defense workers, statistical analysis of Boeing, Martin, and Republic layoffs, 3733
Fission, spontaneous, absolute measurement, 3801
Flames, thickened hydrocarbon flame fuels, consistency determined by mobilometer test, military standard, 4137
Flaps (aircraft):
large semispan tilting wing with 0.4-diameter chord, single-slotted flap, etc., aerodynamic data, 4741
Flares, *see* Solar flares.
Flashblindness, *see* Blindness.
Flavoring extracts, synthetic flavor, production and sales, 4989
Flies:
hemlock sawfly in southeast Alaska, 4328
wheat stem sawfly, resistance of varieties of Portuguese wheat, 3619
Flight:
and ground simulation, human transfer characteristics for roll tracking task, 4734
flight of rockets and optimum design, investigation, 4753
Nimbus II, launch through orbit 5275, evaluation and engineering report, 4702
rules, Federal aviation regulations, change, 4239
two-burn escape maneuvers with intermediate coasting ellipse, 4737

Flight crews:
aircrew survival equipment 1 & C, Navy training course, 4826
members other than pilots, certification, Federal aviation regulations, change, 4236
syncope among aircrew, evaluated at USAF School of Aerospace Medicine, 3692
Flight surgeons, *see* Surgeons.
Floods:
Charlotte, N.C., flood inundation and effects of urbanization, 4370
control, river and harbor, projects in Hawaii, on-site inspection report, 4097
desert flooding in White Mountains of California and Nevada, sequential study, 3760
flood hazard in Agua Fria River drainage area, Maricopa County, Ariz., 4199
flood plain information—
Agua Fria River, Maricopa County, Ariz., 4200
Arroyo de los Chamisos and Arroy o Hondo, Santa Fe, N. Mex., 4201
Black River, Town and Mausker Creeks, Pocahontas, Ark., 4202
Dickinson Bayou, Dickinson, Tex., 4203
Mill Creek, Fort Smith, Ark., 4204
South Fork, Forked Deer River and Sugar Creek, Henderson, Tenn., 4205
how to avoid damage—
Dickinson Bayou, Dickinson, Tex. 4206
Henderson, Tenn., 4208
Mill Creek, Fort Smith, Ark., 4207
Pocahontas, Ark., 4209
Santa Fe, N. Mex., Arroyo de los Chamois and Arroyo Hondo, 4210
United States summary, 4371
Floor layers, floor covering installers, employment outlook, 4509
Floors and flooring, raised floor systems, Army technical manual, 3778
Florida, sugarcane variety tests, 1967–68 season, 3620
Flow:
lubrication in turbulent regime, 3794
nonsteady one dimensional compressible fluid flow through anisotropic porous media, 3745
precision, measurement techniques for low-thrust auxiliary-propulsion liquid rockets, 4700
real-gas effects in critical flow thru nozzles and thermodynamic properties of nitrogen and helium, 4695
reduction, due to oxidation of wire-form porous sheet for transpiration cooled turbine blades, analytical study, 4729
stagnation region flows over blunt bodies, with nongray emission and absorption of radiation, solution by time-asymptotic technique, 4755
two-dimensional flow in open channels, boundary effects of uniform size roughness elements, 4212
Fluid flow, *see* Flow.
Flukes, trematoda and tremotode diseases, index catalogue, 3626
Flunó, John A., controlling mosquitoes in your home and on your premises, 3639
Fluoridation, for you and yours, 4374
Fluorine, methane-fluorine-oxygen and butene-1-fluorine-oxygen rocket performance, nonequilibrium calculations, 4721
Fluorocarbons, fluorocarbon compounds, medicinal and toxic, USSR study, 4449
Flutter (aircraft):
deflected-elevator flutter encountered on t-tail airplane, wind tunnel study, 4746
effects of structural damping on flutter of stressed panels, 4720
Flux, shock precursor heating on radiative flux to blunt bodies, effect, 4680
FMC SP series, 4259
Fog, warm fog, cold fog 3, cold wand, cold horn, and cold fan projects, Air Weather Service, 1968 weather modification program, final report, 3688
Foils, *see* Aluminum foil.
Foltz, Bruce W., gross-basal area growth of northern white cedar is independent of stand density over wide range, 4307
Food:
consumer information, publications, price list, 4868
distribution facilities in Dayton, Ohio, 3648
irradiation, AEC contractors' meeting, 3797
marketing system (statement), 3670
pesticide residues in food, control, industry guidelines, 4289
production and processing in USSR, 4448
see also Menus for space flight—Rations—School lunches.
Food and Drug Administration, FDA publications, 4289
Food stamps, that make the difference (address), 3669
Food for livestock:
livestock-feed relationships, 1909–63, supplement, 3671
urea consumed by cattle on feed, 1965–66 feeding year, 4154
Food processing and production in USSR, 4448
Footwear, *see* Boots and shoes.
Forage plants:
deer browse production, rapid sampling and computer-aided analysis, 4312
spring-season deer browsing of Douglas-fir on Capitol Forest in western Washington, 4315
Force and energy, aerodynamic forces on stationary and oscillating circular cylinder at high Reynolds number, 4756
Force-penetration characteristics of sand horizontally penetrated by plates, cones, and spherical segments, 4673
Foreign Affairs Committee, House:
committee print, 3988
hearings, 3990
subcommittee print, 3989
Foreign Agricultural Service, miscellaneous FAS-M series, 4290
Foreign agricultural trade, *see* Agricultural products.
Foreign aid:
foreign assistance act of 1961, amend, hearings, 3990
foreign assistance act of 1968, hearings, 3990
foreign assistance program, report 1968—departmental edition, 4425
document edition, 3961
Foreign countries:
background notes, 4948–61
foreign banking procedures, legal and economic impact on United States, hearings, 3987
Foreign currencies, *see* Money.
Foreign exchange, rates, Treasury reporting rates of exchange, 3613
Foreign policy, *see* International relations.
Foreign Relations Committee, Senate:
hearings, 4079–81
investigations and studies, U.S. foreign policies, authorization, report, 4054
Foreign trade, *see* Commerce.
Forest planting:
potential damage to forest tree processing, protective treatment and dissemination, 4319
soil moisture tension variation on cutovers in southwestern Oregon, 4327
Forest Products Laboratory:
publications, list—
dividends from wood research, 4297
interest to architects, etc., 4298

Forest Service:
comments on resolutions relating to national forest system, 4299
engineers, career opportunities, 3650
research notes, 4303–21
research papers, 4322–31
resource bulletins, 4332–35
Foresters, conservation occupations, 4492
Forests and forestry:
forest technology, suggested 2-year post high school curriculum, 4171
forestry aids, conservation occupations, 4492
Kansas woodlands, 4332
nutrient cycling by throughfall and stemflow precipitation in coastal Oregon forest types, 4326
research notes, 4303–21
research papers, 4322–31
resource bulletins, 4332–35
working forest, 4336
see also National forests—Trees—Volume and yield tables.
Forges, forging occupations, employment outlook, 4510
Fork lift truck operators, *see* Industrial truck operators.
Forms, blanks, etc., index of AMC blank forms, 3735
Fort Churchill, Manitoba, rotary drilling and coring in permafrost, preliminary investigation, 3747
Fort McHenry National Monument and Historic Shrine, general information, 4800
Fort Smith, Ark.:
flood plain information, 4204
Mill Creek floods, how to avoid damage, 4207
Fortran, *see* Electronic data processing systems.
Foster, Helen L., asbestos occurrence in Eagle C–4 quadrangle, 4358
Foundations (charitable and educational), *see* Charitable institutions.
Founding, metal founding, classification definitions, 4840
Foundries, occupations, employment outlook, 4577
Fox, Charles H., jr., prediction of lift and drag for slender sharp-edge delta-wings in general proximity, 4704
FPC, *see* Federal Power Commission.
Fracture of metals:
fatigue-crack-propagation behavior in panels with simulated rivet force, prediction, errata, 4699
hot-salt stress corrosion of titanium alloys, generation of hydrogen and its embrittling effect, 4728
notch brittleness after prestraining, 4922
Frames, greenhouse framing for plastic covering, farm building plan, 3657
France, establishing business, 3896
Franchises (business):
management development program, instructor's manual, 4923
Fraser, T. M., review of physiological measurement techniques for applicability to space flight conditions, 4686
Freeman, Val L., geology of Comstock-Indian Wells area, Val Verde, Terrell, and Brewster Counties, Tex., 4364
Freight forwarders, mail transportation laws, revision, 3996
Freight rates, airfreight rates, introduction, 3869
Fremming, P. D., roll and yaw compensation feasibility study, 4661
Fremont County, Wyo., geology of Oregon Buttes area, 4348
French Guiana, economy, basic data, 3902
French Territory of Afars and Issas:
background notes, 4949
Somalia boundary study, 4965
Frequencies:
and vibration modes of orthotropic thin shells of revolution having general meridional curvature, method for computation, 4710
low, electricity, precision measurement and calibration, 4763
Frequency distribution (statistics):
normal and skewed, climatalogical and other applications, general nomograph, 3762
Frequency modulation, *see* Radio frequency modulation.
Friction, deformation and wear of aluminum, effect of orientation and presence of surface active materials, 4724
Froehlke, Robert F., nomination, hearing, 4070
Frost, R. M., evaluation of magnetic materials for static inverters, converters, 4664
Frozen foods, *see* names or classes of foods frozen.
Fryingpan-Arkansas project, impact survey report, 4301
Fuel:
evaluation for Missouri pine plantation, released by aerial spraying, 4310
thickened hydrocarbon flame fuels, consistency determined by mobilometer test, military standard, 4137
yearbook, 1967—
departmental edition, 4633
document edition, 3945
Fuel oil, 1968 diesel fuel oils, 4634
Fuels, *see* Fuel.—Reactor fuel.
Fugitives from justice, *see* Crime and criminals.
Fukanaga, Yuka, *see* Awamura, Yuka.
Functions (mathematics), *see* Mathematics.
Funds, requisition fund codes, MILSTRIP, 4143
see also subjects for which funds are used.
Furnaces, classification definitions, 4839

G

Gable, John L., joint labor-management program to improve operating practices, work rules, and employee compensation programs in railroad industry, 4272
Gallagher, Ursula M., speeches, Nov. 27, 1967, 3865–66
Gamma rays:
gamma irradiation, dose rate effect on LD 50/30 in mice exposed to cobalt-60, 3704
indolylalkylamines as radioprotectants, 3713
GAO, *see* General Accounting Office.
Garcia, Jorge P., relief, 4012
Garcia, Miguel A., relief, 4026
Gardening, publications, price list, 4868
Gardens, home and garden bulletins, 3638–41
Garrison Dam, prototype measurements of hydropower plant transients, North and South Dakota, 4215
Gas:
natural—
production and processing occupations, employment outlook, 4584
uniform system of accounts prescribed for companies, 4271
stability of thin liquid film adjacent to high-speed gas stream, analysis, 4713
Gas chromatography, *see* Chromatography.
Gas station attendants, *see* Service-station attendants.
Gas turbines, *see* Turbines.
Gases:
industrial, current industrial reports, 3848
mercury in soil gas and air, potential tool in mineral exploration, 4357
metal-gas systems, use of thermodynamic properties as reduced-pressure standards, 4683

Gases—Continued
multidimensional gas flow through permeable char layers and its effects on ablation, 4752
nonsteady one dimensional compressible fluid flow through anisotropic porous media, research report, 3745
real-gas effects in critical flow thru nozzles and thermodynamic properties of nitrogen and helium, 4695
Gasoline, motor, summer 1968, petroleum products survey, 4635
Gastropods, Teilchispira, new Early Odorvician genus, description, 4367
Gealy, E. J., minerals in world economy, 4632
Geisler, Robert R., effects of ultrasonic vibrations on transistors in subassemblies, 3738
General Accounting Office, findings and recommendations for improving Government's operations, 1968, compilation, 3965
General agreement on tariffs and trade, international anti-dumping code, implementation, agreement, 4970
Generators, *see* names or types of generators.
Geodesy, marine, satellite applications, 4674
Geographers, employment outlook, 4552
Geological Survey:
bulletins, 4347–54A
circulars, 4355–58
professional papers, 4361–67
water supply papers, 4370–72
Geologists, employment outlook, 4501
Geology:
Comstock-Indian Wells area, Val Verde, Terrell, and Brewster Counties, Tex., 4364
contributions to general geology (series), 4347, 4351
geologic maps of the moon, 4360
geology of Arkansas Valley Coal Field (series), 4362–63
Greenwood quadrangle, Arkansas-Oklahoma, 4362
Magruder Mountain area, Nev.-Calif., 4347
Oregon Buttes area, Sweetwater, Sublette, and Fremont Counties, southwestern Wyoming, 4348
Scranton and New Blaine quadrangles, Logan and Johnson Counties, Ark., 4363
shorter contributions to general geology (series), 4364–65
systematic jointing in western part of anthracite region of eastern Pennsylvania, 4351
see also Engineering geology—Niobrara formation.
Geophysicists, employment outlook, 4501
Geophysics:
abbreviated calendar record, 1966–67 activity and events, 4225
upper atmosphere geophysics, report UAG series, 4225
George, D'Arcy R., improved Eluex process for eluting uranium from ion exchange resins, 4648
George, Samuel F., detection of nonfluctuating targets in log-normal clutter, 4833
Georgia, electric rate book, 4264
Georgia, University of, *see* University of Georgia.
Germany:
Federal Republic, plant quarantine import requirements, 3629
West, *see* above, Federal Republic.
Germination, acorn moisture content critical for cherrybark oak germination, 4309
Gertier, Diane B., preprimary enrollment of children under 6, 4181
Gettysburg National Military Park, general information, 4801
Ghana, capsule facts for Armed Forces, 3723
Gilmer County, W. Va., coal, preparation characteristics, 4638
Gingivitis, preventive treatment procedures, results after 2 years, 3706
Glass, silver phosphate glass microdosimeters, effects of laboratory reprocessing, 3703
Glasstone, Samuel, book of Mars, 4694
Glaziers, employment outlook, 4486
Global logistics and strategy, 4618
Glue, woodworking glues, selection and properties, 4303
see also Adhesives.
Gluing fire-retardant-treated Douglas-fir and western hemlock, 4304
Goddard Research and Engineering Management Exercise, simulation, evluation, 4685
Goldman, Michael H., basic data on economy of Romania, 3897
Gomez, Miguel A., relief, 4015
Gonzalez, Jose R. Fernandez-, *see* Fernandez-Gonzalez, Jose R.
Good, Philip C., recovery of hydrofluoric acid from waste fluosilicic acid, preliminary studies, 4637
Goodwin, Thomas C., Air Force scientific research bibliography, 3674
Gordon, Donald T., tree shadow patterns and illumination measurements within clearcut strips and irregular openings in true fir forest, 4320
Gourash, Francis, analysis and design of inductors for protecting power transistors against current surges in inverter bridge circuits, 4725
Gout, general information, 4777
Government:
census 1967, topical studies, publications order form, 3830
Federal—
automatic data processing equipment, inventory, 4286
library materials, procurement, orientation aid, 4614
position classification study, 3995
procedural guide for acquisition of real property by government agencies, 4458
role in economic revitalization, continuing review, hearing, 4096
Government-industry system safety conference, 4659
governmental action, legal guidelines, alternatives to urban sprawl, 4860
small local governments, monetary restraint, borrowing and capital spending, 4277
occupations, employment outlook, 4578
operations, improving, General Accounting Office findings and recommendations, 1968, compilation, 3965
patent policy study, research summary reports, 4250–51
Government contracts:
book value and write-off of facilities, 4915
housing authorized by public contracts, construction reports, 3833
institutional grants bill, study, 4000
MILSCAP, military standard contract administration procedures, 4138–39
National Science Foundation, 4811
renegotiation act of 1951, as amended, text, 4913
renegotiation bulletins, 4915
requirements contracting and other aspects of small purchases in Dept. of Defense, GAO review, 4343
Government offices:
administrative practices and procedures, study, authorization, report, 4057
congressional oversight of administrative agencies, hearings, 4087
executive branch, salary reform for top officials, recommendations, message from the President, 3971
joint financial management improvement program, annual report, 4337
records and papers, disposition, report, 3980

334-546—69—No. 890——9

Government officials and employees:
Federal classification act employees, 1924–68, wage chronology, 4596
interagency training programs, Executive Seminar Center, Kings Point, N.Y., 3876
reemployment rights of Federal employees who perform duty in Armed Forces, 3884
salary and retirement annuity increases, 3997
see also White collar workers.
Government Operations Committee, Senate:
committee print, 4082
investigations and studies—
intergovernmental relations, authorization, report, 4055
national security and international operations, authorization, report, 4056
Government periodicals, *see* Periodicals.
Government publications, price lists, Public Documents Division, PL series, 4865–68
Government supplies:
Federal manual for supply cataloging, alphabetic index, 4123
Federal specifications, 4283
Federal standards, 4284–85
Federal supply code for manufacturers, United States and Canada, code to name, 4122
procurement, Job Corps centers tables of allowances, 4151
purchasing and sales directory, 4926
Graduates, educational research, fellowship program, 4173
Grain:
developments in Common Market, 4290
feed grain program, 3666
futures act, and other laws, compilation, 3939
Grand jury, Federal grand jury procedure, practical handbook, 4457
Grant, Daniel J., precision flow measurement techniques for low-thrust auxiliary propulsion liquid rockets, 4700
Grants-in-aid:
airports, Federal aviation regulations, change, 4244
cardiovascular training grant program directors, National Heart Institute, 15th conference, report, 4783
colleges and universities, national program for advancement of science and education of scientists, study, 4000
Economic Development Administration grants for public works and development facility projects, improvements needed in procedures for determining supplementary assistance, GAO report, 4340
Education Office support for the arts and the humanities, 4189
health professions, educational improvement grants, 4883
health research facilities program, PHS, annual report, 3950
higher education, toward long-range plan for Federal financial support, 4381A
highway program, tables, 4255
National Center for Radiological Health research projects supported by grant funds, 4887
National Institutes of Health training programs, 1968 funds, 4780
National Science Foundation, 4811
outdoor recreation, manual, 4836
Public Health Service funds, 1967, summary tables and graphic highlights, 4894
regional medical programs, progress report, 4891
solid wastes demonstration grant projects, 1968, summaries, 4901
student financial aid, 4170
Grapefruit juice:
U.S. standards for grades, 4113
canned blended, grapefruit juice and orange juice, 4108
frozen, concentrated, 4112
Graphite, graphite heat transfer tubes of controlled permeability to steam, scale control, phase 2, 4402
Graphs, *see* Charts—*also* subjects.
Gravity, artificial gravity and weightlessness, potential problems, 4715
Gray, Hugh R., hot-salt stress-corrosion of titanium alloys, generation of hydrogen and its embrittling effect, 4728
Grazing, poor returns from Ozark woodland grazing, 4306
Great Basin, northern, surface water records, 4369
Great lakes:
ice cover, winter 1967–68, basic data report, 4610
region, war on poverty, examination, case study, 4092
solar altitude charts and tables, 4611
Great Lakes States, eastern white pine seed sources, early growth, 4308
Greenhouses:
framing for plastic covering, farm building plan, 3657
plastic covered coldframe, farm building plan, 3654
Greenland, west coast, sailing directions, 4819
Greenwood quadrangle, Ark.-Okla., geology, 4362
Gregory, Gerald L., experimental study in vacuum of rate-of-rise outgassing measurement technique, 4711
GREMEX, *see* Goddard Research and Engineering Management Exercise.
Grimes, Annie E., annotated bibliography on climate of Nepal, 4224
Gross, Peter R., relief, 4029
Ground water, *see* Water.
Group insurance, *see* Life insurance.
Grouse, greater praire chicken and sharp-tailed grouse, characteristics and habitat requirements, review of literature, 4296
Growing peaches east of Rocky Mountains, 3637
Growth, response of 35-year-old, site V Douglas-fir to nitrogen fertilizer, 4317
Guadeloupe, capsule facts for Armed Forces, 3719
Guam, annual report, 4393
Guaranties and sureties, Federal National Mortgage Association guaranties of participation certificates, opinion of Attorney General, 4456
Guatemala, capsule facts for Armed Forces, 3721
Guerra, Jose R., relief, 4031
Guerrilla warfare:
advocates in U.S., report, 4004
Communist wars of national liberation, 3731
Guidance systems:
planetary probe guidance accuracy influence factors for conjunction-class missions, 4701
surface-to-air missile series, engineering design handbook, 3736
Guide books, *see* Pocket guides.
Guide cards, file, pressboard, Federal standard, cancellation, 4285
Guide to understanding United States Department of Agriculture, 4850
Gulf, *see* names of gulf, or places where located.
Gundaker, Walter E., recommendations for safe operation of particle accelerators, 4884
Guns, *see* Firearms.

H

Hafnium carbide, polycrystalline, and hafnium carbide containing 13-volume-percent hafnium diboride high-temperature mechanical properties, 4735
Hafnium diboride, polycrystalline hafnium carbide and hafnium carbide containing 13-volume-percent hafnium diboride, high-temperature mechanical properties, 4735
Haider, Walter, basic data on economy of French Guiana, 3902
Haiti, Republic of, background notes, 4955
Hale, Mason E., jr., lichens algae, 4794
Haley, Boyd R., geology of Scranton and New Blaine quadrangles, Logan and Johnson Counties, Ark., 4363
Hall, A. M., metallurgy, behavior, and application of 18-percent nickel maraging steels, 4697
Hall, Gaylord L., stannous flouride (0.1%) mouthwash study, 3697
Hallin, William E., soil moisture tension variation on cutovers in southwestern Oregon, 4327
Handbooks, *see* names of departments, etc., issuing handbooks—*also* subjects.
Handicapped, opportunities for hard of hearing and the deaf, 4912
see also Disabled.
Hannah, Peter R., topography and soil relations for white and black oak in southern Indiana, 4325
Happ, W. W., examples of coding schemes based on strategic value, 4707
Harbors, flood control projects in Hawaii, on-site inspection, report, 4097
Hard, J. S., hemlock sawfly in southeast Alaska, 4328
Hard-of-hearing, *see* Deaf.
Hardin, Clifford M., nomination, hearing, 4068
Hardy, Kenneth A., effects of laboratory reprocessing of silver phosphate glass microdosimeters, 3703
Harrison, Jack E., mineral resources of Mission Mountains primitive area, Missoula and Lake Counties, Mont., 4350
Hathaway, Dale E., people of rural America, 3862
Hawaii:
  electric rate book, 4265
  fisheries, annual summary, 3914
  river and harbor, flood control, and beach erosion control projects, on-site inspection report, 4097
Hawaiian Islands, *see* Hawaii.
Hay, Sylvia, classification of congenital malformations, 4874
Hazardous substances, transportation of dangerous articles, etc., Federal aviation regulations, change, 4241
Health:
  community services for persons with drinking problems, major issues in developing, 4898
  emergency health series, 4877
  environmental health series—
    air pollution, 4878
    water supply and pollution control, 4879
  facts on smoking, tobacco, and health, 4880
  health information series, 4882
  industrial, publications, price list, 4866
  planning, role of urban planner, 4902
  professions, educational improvement grants, 4883
  public health bibliography series, 4893
  Public Health Service grants, etc., funds, 1967, summary tables and graphic highlights, 4894
  publications, price list, 4868
  regional health authorities, 1966, directory, 4876
Health—Continued
  research facilities construction program, Surgeon General's report, 3950
  see also Mental health.
Health boards and departments, directory, State, territorial and regional health authorities, 4876
Health, Education, and Welfare Department:
  automated central payroll system, improvements needed, GAO report, 4342
  findings—
    on cost standards of drugs for which payments are made under social security amendments of 1967, 3967
    with respect to coverage of drugs under title 18, social security act, 3966
  forum papers, achievements and challenges, 4373
  improving environment for science, Career Service Board for Science report, 4375
  program analysis series, 4377–79
  Secretary, nomination of Robert H. Finch, hearing, 4076
Health insurance:
  aged under social security, July 1, 1967, number of persons insured, 4936
  health insurance statistics, current medicare survey report, CMS series, 4933-34
  medicare—
    coverage of drugs, Task Force on Prescription Drugs, interim report, 4381
    current survey report, medical insurance sample, 4934
    drugs, coverage under title 18, social security act findings of Health, Education, and Welfare Dept., 3966
  statistics, HI series, 4935–36
Heaney, Judith W., Vietnam, bibliography, 4426
Hearn, George H., remarks, Jan. 28, 1969, 4259
Heart diseases, regional medical programs, progress report, 4891
Heat, removal of copper from steel scrap by thermal treatment, 4640
Heat exchangers, design parameters and cost, evaluation, computer usage, 4620
Heat transfer:
  coefficients for hydrogen flowing through parallel hexagonal passages at surface temperatures to 2275 K, 4706
  graphite heat-transfer tubes of controlled permeability to steam, scale control, phase 2, 4402
  shock precursor heating on radiative flux to blunt bodies, effect, 4680
Heating apparatus and supplies:
  current industrial reports, 3846–47
  Sweden, market for industrial heating equipment, 3894
Heating mechanics, *see* Mechanics (persons).
Heats of formation, chromium carbides, 4639
Hedrick, James L., facts on smoking, tobacco, and health, 4880
Helen, Babette P., establishing business in France, 3896
Helicopters, Chinook, CH–47A, engine load sharing, 3785
Heliports:
  Army-airfield-airport operational and maintenance facilities, technical manual, change, 3779
  pavement reports, Army and Air Force emergency construction, 3780
Helium, thermodynamic properties, and real-gas effects in critical flow thru nozzles, 4695
Help us meet the challenge, career opportunities with Department of Labor, 4463
Helping others catch up, 3665

Hemlock:
sawfly in southeast Alaska, 4328
western, gluing with fire-retardant-treated Douglas-fir, 4304
Henderson, Tenn.:
flood plain informtion, 4205
South Fork, Forked Deer River and Sugar Creek floods, how to avoid damage, 4208
Hendrick, James P., remarks, Jan. 15, 1969, 4994
Herbarium, *see* National Herbarium.
Hermach, F. L., precision measurement and calibration, selected papers on electricity, low frequency, 4763
Herzog, Elizabeth, Nation's youth, chart book, 3867
Herzog, James H., proprioceptive cues and their influence on operator performance in manual control, 4672
Heunisch, George W., pyrolytic decomposition studies of tetraethoxysilane for obtaining high-grade SiO_2 films, 3739
HEW, *see* Health, Education, and Welfare Department.
Hickel, Walter J., nomination, hearings, 4084
Hiers, Robert S., jr., analysis of nonequilibrium air streams in the Ames 1-foot shock tunnel, 3717
High blood pressure, *see* Blood pressure.
High schools:
job opportunities that may be open to applicants, high school education—
generally required, 4607
preferred, but not essential, 4608
to improve secondary school science and mathematics teaching, history of National Science Foundation's programs, 4812
Higher education, *see* Colleges and universities.
Highway safety, *see* Safety of life.
Highways, *see* Roads and highways.
Hiring practices, *see* Employment.
Hirshberg, Robert L., remarks, Jan. 27, 1969, 4422
Historians, employment outlook, 4552
Historical statistics H.S. series, 3925
History, *see* subject.
Hogs, *see* Swine.
Holland, Elmer J., memorial services, 3931
Holmes, Wesley T. II, liquidus temperatures of titaniferous slags, 4651
Home economics:
consumer information, publications, price list, 4868
home and garden bulletins, 3638–41
pesticide safety in your home, 3664
Home economists, employment outlook, 4512
Homeowners, *see* Homes.
Homes:
FHA insured mortgages—
area trends, 4256
State trends, 4258
planting by design, 3641
tax deductions for homeowners, information, 4419
Hooker, Verne E., near-surface horizontal stresses including effects of rock anisotropy, 4645
Hoole, W. Stanley, new technology and American economy, 3891
Hosiery, industrial wage survey, 4591
Hoskins, John R., influence of spherical head size and specimen diameters on uniaxial compressive strength of rocks, 4652
Hospital administrators, employment outlook, 4514
Hospital attendants, employment outlook, 4545
Hospital Insurance Trust Fund, Federal Board of Trustees, *see* Board of Trustees of Federal Hospital Insurance Trust Fund.
Hospitals:
cost of medical care, reimbursement incentives, objectives and alternatives, 4939
Hospitals—Continued
medicare programs, services under, length of stay of patients discharged from short stay hospitals, 4935
packaged disaster hospitals & hospital reserve disaster inventories, 4888
Hot pressing, joining refractory metal compounds by hot pressing, 4646
Hotels, occupations, employment outlook, 4579
Hours of labor:
fair labor standards act, maximum hours standards, 1968 report, 5004
retail trade, June 1966, 4593
House documents, 3945–76
House of Representatives, candidates, campaign expenditures, special committee to investigate, report, 3981
House reports, public bills, 3977–82, 4046–67
Household appliances, consumers' information, publications, price list, 4868
Household employees, *see* Servants.
Housekeeping, *see* Home economics.
Houses, *see* Farm buildings.
Housing:
authorized, construction reports, 3833
fastening surfacing materials in rehabilitation operations, guide, 4257
Federal programs, study—
authorization, report, 4050
expenses, report, 4047
owner occupied properties, construction reports, residential alterations, and repairs, 3834
rural housing loans, 4229
surveys, occupants of new housing units, mobile homes and housing supply, 4389
Housing and Urban Development Department:
financing community facilities, GAO review, 4344
HUD handbooks, 4384–86
HUD's role in urban transportation, 4387
IP series, 4387
library, periodicals, subject index, 4390
MP series, 4388–90
report, 1966—
departmental edition, 4382
document edition, 3973
report, 1967—
departmental edition, 4383
document edition, 3974
Houthakker, Hendrik S., nomination hearing, 4074
Howard, Marion, school continues for pregnant teenagers, 4185
Howe, Harold II, people who serve education, report on state of education professions, 4180
Huck, Frederich O.:
analytical procedure for optimizing television systems for planetary descent mission, 4748
requirements of Martian television experiment for three point-mass descent trajectories, 4749
HUD, *see* Housing and Urban Development Department.
Human anatomy, *see* Anatomy.
Human engineering, study of human operator analysis using regression analysis, 4676
Human investment programs (series), 4378
Human race, *see* Man.
Human resources, *see* Ability.
Humanities, arts and the humanities, Office of Education support, 4189
Humbert, Richard, basic data on economy of Spain, 3900
Humboldt County, Calif., timber resources, 4334
Hustad, Paul A., force penetration characteristics of sand horizontally-penetrated by plates, cones, and spherical segments, 4673

Hydraulics:
analysis of pipe-arch culverts, electronic computer program, 4905
Hydrocarbons, thickened hydrocarbon flame fuels, consistency determined by mobilometer test, military standard, 4137
Hydrodynamics, hypervelocity impact analysis by the method of characteristics, 4754
Hydroelectric power plants, *see* Electric power plants.
Hydrofluoric acid, recovery from waste fluosilicic acid, preliminary studies, 4637
Hydrogen:
flowing through parallel hexagonal passages at surface temperatures at 2275 K, heat transfer coefficients for, 4706
generation, and embrittling effect, from hot-salt stress-corrosion of titanium alloys, 4728
plasma components, including minor species, 4723
Hydrology:
hydrologic effects on urban growth (series), 4370
river adjustment to altered hydrologic regimen, Murrumbidgee River and Paleochannels, Australia, 4366
vegetation and hydrologic phenomena (series), 4361
Hygiene, industrial, publications, price list, 4866
Hypertension, *see* Blood pressure.
Hypervelocity impact analysis by the method of characteristics, 4754
Hyvarinen, Matti, J., using d.b.h. and butt log quality to estimate tree yields by saw log grade, 4313

I

IAEA, *see* International Atomic Energy Agency.
ICAS, *see* Interdepartmental Committee for Atmospheric Sciences.
Ice:
crowds on ice, 3748
Great Lakes ice cover, winter 1967–68, basic data report, 4610
matrix, that undergoes simple shear deformation, diffusion law for dispersion of hard particles, 3744
Illinois Central RR., emergency board report, 4191
Illumination, *see* Lights and lighting.
Illustrations, *see* Photographs.
Immigration and emigration, investigation, authorization, report, 4061
Impact, hypervelocity impact analysis by the method of characteristics, 4754
Imports, 1958–68, adjusted and unadjusted data with seasonal and working-day factors, 3864
Improving environment for science in DHEW, 4375
Incinerators, District of Columbia Department of Sanitary Engineering, special studies, 4899
Income, low-income consumers bibliography on marketing, 3826
see also subject from which income is derived.
Income tax:
deductions—
alimony payments, 4410
child care and disabled dependent care, 4407
homeowners, tax information, 4419
interest expense, 4411
IRS looseleaf system, 4413–14
Indexes:
agricultural research (periodical), 3617–18
AMC, publications and blank forms, 3735
broadcasting stations of world, amplitude modulation—
county and city, 4291
frequency, 4292
Indexes—Continued
Federal manual for supply cataloging, alphabetic index, 4123
frequency modulation, by county, city, frequency, 4293
medical and veterinary zoology, 3626
India, Pakistan boundary, Rann of Kutch sector, study, 4964
Indian lands:
Alaska—
grant certain lands to natives, hearings, 4083
native land claims, settle, hearings, 4083
Indiana:
sawmills in 1966 receive 232 million board feet of saw logs, 4314
southern, topography and soil relations for white and black oak, 4325
Indians, children, education, etc., study, authorization, hearings, 4093
Indolylalkylamines as radioprotectants, 3713
Indonesia:
climatological mean probability of penetrable optical path for high intensity, high contrast optical targets, maps, 4221
labor law and practice, 4469
Inductors, for protecting power transistors against current surges in inverter bridge circuits, analysis and design, 4725
Industrial designers, employment outlook, 4491
Industrial engineers, employment outlook, 4505
Industrial health, *see* Health.
Industrial hygiene, *see* Hygiene.
Industrial machinery, *see* Machinery.
Industrial plants, *see* Plants (industrial).
Industrial relations, operating practices, work rules, and employee compensation programs in railroad industry, joint labor-management improvement program, 4272
Industrial truck operators, fork lift truck operators, job grading standard, 3880
Industrial wastes, *see* Waste products.
Industry:
current industrial reports, 3835–59
Government-industry system safety conferences, 4659
wage surveys—
hosiery, 4591
men's and boys' suits and coats, 4594
see also names of industries.
Infectious diseases, *see* Contagion and contagious diseases.
Information storage and retrieval systems:
comparison of sequential decoding metrics by computer simulation, 4751
human intellect augmentation techniques, 4682
medical diagnostic equipment card file, USSR study, 4440
Inheritance and transfer tax, career opportunities, estate tax attorney, 4408
Injuries, work injuries under District of Columbia workmen's compensation act, 4193
Inman, Guy M., research and development for safeguards, 3814
Insecticides, tolerance of spruce budworm to malathion, 4321
Insects, control, potato, 3636
Inspection (industrial):
safety road checks, motor carriers of property, 4657
see also names of articles, etc., inspected.
Inspectors, *see* types of inspectors.
Inspectors (manufacturing):
employment outlook, 4506
Institute for Telecommunication Sciences, ESSA technical report ERL-ITS series, 4216
Institutions, higher education, financial statistics, 4170
Instrument makers, employment outlook, 4519

Instrument repairmen, *see* Instrumentmen.
Instrumentation, boundary effects of uniform size roughness elements in two-dimensional flow in open channels, 4214
Instrumentmen, repairmen, employment outlook, 4565
Insulation:
thermal, Federal item identification guide, 4128
workers, employment outlook, 4535
Insurance:
industry, investigation, hearings, 4089
occupations, employment outlook, 4581
see also types of insurance.
Intellect, human, augmentation techniques, 4682
Interagency training programs, *see* Government officials and employees.
Interdepartmental Committee for Atmospheric Sciences, report series, 4252
Interest and usury:
interest expense, income tax deduction, 4411
payment of interest on deposits, Federal reserve regulation Q, 4280
Intergovernmental relations:
intergovernmental problems in medicaid, ACIR hearing, 3615
study, authorizaton, report, 4055
urban development, intergovernmental awards program, 1967 honor awards, 4388
Intergovernmental Relations, Advisory Commission on, *see* Advisory Commission on Intergovernmental Relations.
Interior and Insular Affairs Committee, House, hearings, 3992
Interior and Insular Affairs Committee, Senate:
committee print, 4086
hearings, 4083–85
report, 4046
Interior decorators and designers, employment outlook, 4491
Interior Department:
code of Federal regulations, 4274
cooperative water resources research and training, report, 4394
saline water research and development progress reports, 4396–4405
Secretary, nomination of Walter J. Hickel, hearings, 4084
Intermediate credit banks, *see* Federal intermediate credit banks.
Internal-combustion engines, *see* Engines.
Internal revenue:
code of Federal regulations, 4421
procedure and administration, IRS looseleaf regulations system, 4415
see also names of certain taxes, e.g. Income tax.
Internal Revenue Service:
career opportunities—
estate tax attorney, 4408
taxation, 4406
liquor laws and regulations for retail dealers, 4412
looseleaf regulations system—
income tax, 4413–14
procedure and administration, 4415
International agreements, treaties and other international agreements of United States, 1776–1949, compilation, 4979
see also subjects, names of countries, etc.
International Atomic Energy Agency:
application of safeguards to cooperation, agreement with Brazil, 4974
controlled thermonuclear research, 3d IAEA conference at Novosibirsk, 3813
International boundary studies, 4964–67
International cooperation, Central Treaty Organization, general information, 4967
International Development Agency, Washington, internal audit activities, GAO review, 4346
International Educational and Cultural Affairs, Advisory Commission on, *see* Advisory Commission on International Educational and Cultural Affairs.
International fairs, *see* Fairs.
International law, digest, 4962
International organizations series, 4967
International relations:
foreign policies of U.S., investigations and studies, authorization, report, 4054
general foreign policy series, 4963
International trade, *see* Commerce.
Interplanetary missions, *see* Planets.
Interplanetary trajectories, *see* Trajectories.
Interstate agreements, streams, use and control, 3946
Interstate and Foreign Commerce Committee, House:
activities, 90th Congress, 2d session, 3977
report, 3977
Interstate commerce, *see* Labor laws.
Interstate commerce act, *see* Carriers.
Interstate Commerce Commission:
report, 1968—
departmental edition, 4427
document edition, 3954
Interstate compacts, *see* Interstate agreements.
Inventories:
automatic data processing equipment in Federal Government, 4286
job inventory information, task reliabilities and scale interrelationships, 3690
Invertebrates, *see* Mollusks.
Inverters:
inverter-converter parallel operation, 4663
static, and converters, magnetic materials for, evaluation, 4664
Investment companies, mutual fund distributions, tax information, 4420
Investments:
District of Columbia, legal investments for trust funds, list, 4149
timber production investments under uncertainty, computer program to evaluate, 4311
Ion exchange resins, *see* Resins.
Ionizing radiation, late somatic effects of, 3812
Ionosphere, ionospheric disturbances associated with proton flare of 1522UT, Aug. 28, 1966, analysis, 4217
Ions, counter-ions influence on permselective membranes, 4396
IP series, 4387
Irani, Meherwan C., mineral industry of West Virginia, 4630
Iron:
industry, employment outlook, 4582
low cost iron-base alloy to resist corrosion in hot sea water, development, 4401
Ironworkers, structural and other iron workers, employment outlook, 4557
Irradiation, *see* Gamma rays—Radiation.
Irrigation, Four-State Irrigation Council, annual meeting, proceedings, 4908
IRS, *see* Internal Revenue Service.
Irving, George W., jr., talk, Nov. 23, 1968, 3630
Islands, *see* names of islands.
Isotopes, integrated life support system for aerospace application utilizing radioisotopes for thermal energy, design study, 3799
Issas and Afars, French Territory of, *see* French Territory of Afars and Issas.

J

Jackman, Kenneth, experimentally oriented science exhibits from Lawrence Hall of Science, 3811
Jackson, Francis C., role of medicine for emergency preparedness, 4877

Japan:
cultural educational cooperation, joint committee on, agreement, 4977
mineral industry, minerals yearbook chapter, 4623
sources of information on labor, 4471
Java, sailing directions, change, 4820
JCH series, 4151
Jendresen, Malcolm D., character of Air Force dentistry, 3691
Jewelers, and jewelry repairmen, employment outlook, 4565
Jewelry repairmen, *see* Jewelers.
Jimenez Cortina, Aurelio J., relief, 4021
Joachim, Charles E., close-in ground motion and earth stress, 3806
Job analysis:
job grading standard, civil service—
cook, 3879
fork lift operator, 3880
intermediate jobs, 3881
motor vehicle operator, 3882
trades helper jobs, 3883
job grading system for trades and labor occupations, FPM supplement, 3877
job inventory information task reliabilities and scale interrelationships, 3690
position classification in Federal Government, study, 3995
Job Corps, centers, tables of allowances, 4151
Job description, *see* Job analysis.
Job evaluation, *see* Job analysis.
Job setters (machine shop):
employment outlook, 4519
Jobs, *see* Employment—Occupations—Training.
Johnson, James E., nomination, hearing, 4095A
Johnson, Lyndon B., *see* President of United States.
Johnson, Robert C., real-gas effects in critical flow thru nozzles and thermodynamic properties of nitrogen and helium, 4695
Johnson, U. Alexis, nomination, hearings, 4081
Johnson County, Ark., Scranton and New Blaine quadrangles, geology, 4363
Joining refractory metal compounds by hot pressing, 4646
Joint financial management improvement program, annual report, 4337
Joint Publications Research Service, JPRS series, 4433–53
Jones, George W. jr., aerodynamic forces on stationary and oscillating, circular cylinder at high Reynolds numbers, 4756
Jones, Paul R., computer usage for evaluation of design parameters and cost of heat exchangers, 4620
Journals, Senate, 90th Cong., 2d sess., 4007
Joyce, R. S., feasibility of granular, activated-carbon adsorption for waste-water renovation, 4879
JPRS sereis, 4433–53
Judge Advocate General, Air Force, activities, manual, change, 3683
Judicial Conference of United States:
proceedings—
departmental edition, 3614
document edition, 3964
Judicial, Executive, and Legislative Salaries Commission, *see* Executive, Legislative, and Judicial Salaries Commission.
Judiciary, *see* Courts of United States.
Judiciary Committee, Senate:
hearings, 4087–90
investigations and studies—
administrative practice and procedure in Federal agencies, authorization report, 4057
antitrust and monopoly laws, administration, authorization, report, 4058
criminal law and procedures authorization, report, 4059
Judiciary Committee, Senate—Continued
investigations and studies—continued
Federal judicial system, authorization, report, 4060
immigration and naturalization, authorization, report, 4061
juvenile delinquency, authorization, Senate, report, 4062
national penitentiaries, authorization, report, 4063
refugees and escapes, authorization, report, 4064
revision and codification of U.S. statutes, authorization, report, 4065
reports, 4012–45
Junction boxes, Federal item identification guide, 4129
Jungle warfare, yellow lenses in Air Force operations, 3701
Junior colleges:
higher education, basic student charges, tuition, and fees, for board and room, 4175
job opportunities that may be open to applicants, junior college education usually required, 4609
Justice Department:
annual report, 4455
Attorney General-designate, nomination of John N. Mitchell, hearing, 4090
opinions of Attorney General, 4456
Juvenile delinquency, investigation, authorization, report, 4062

K

Kansas:
irrigation council, annual meeting, proceedings, 4908
woodlands, 4332
Kansas City, Kans., area wage survey, 4604
Kansas City, Mo., area wage, survey, 4604
Kansas, Oklahoma and Gulf Railway, motor carrier accident, 4656
Karitas, James J., packaging produce in trays at central warehouse, 3646
Karyotensis, mitotic synchronization of L-strain fibroblasts with 5-aminouracil as determined by time-lapse-cinephotography, 4744
Kassalow, Everett M., role of social security in economic development, 4940
Kaufman, Albert, analytical study of flow reduction due to oxidation of wire-form porous sheet for transpiration cooled turbine blades, 4729
Keith, George H., some strain-aging effects in electrorefined vanadium, 4643
Kelley, John E., joining refractory metal compounds by hot pressing, 4646
Kennedy, David M., nomination, hearing, 4076
Kennedy, Robert F., memorial services, 3932
Kerr, Arnold D., on plates sealing an incompressible liquid, 3746
Kidneys, kidney disease, control programs, 4379
Kidwell, Claudia B., women's bathing and swimming costume in United States, 4792
King, James B., early growth of eastern white pine seed sources in Lake States, 4308
Kirkbride, Joe, disadvantaged young men prepare for well-paying careers in maritime fleet, etc., 4195
Kislin, Benjamin, use of yellow lenses in Air Force operations, 3701
Klement, Alfred W., jr., Russian radioecoiology, bibliography of Soviet publications with citations of English translations and abstracts, 3808
Knit goods, knit cloth, shipments, including interplant transfers, current industrial reports, 3855
Knots and splices, knots and knot tying, classification definitions, 4846

Komsomols:
central committee redefines functions, USSR study, 4452
Mzhavanadze bestows honor on Rustavi komsomol, 4453
Korea, North, capsule facts for Armed Forces, 3729
Kovalik, Milan J., use of antifissurants in making better coke from Sunnyside coal from Utah, 4653
Krajicek, John E., acorn moisture content critical for cherrybark oak germination, 4309
Krieghbaum, Hillier, to improve secondary school science and mathematics teaching, 4812
Krute, Aaron, use of hospital services under medicare, length of stay of patients discharged from short-stay hospitals, 4935
Kugel, Robert B., changing patterns in residential services for mentally retarded, 4857
Kuwait, background notes, 4961

L

Labor:
construction laborers, employment outlook, 4515
reemployment experiences of defense workers, statistical analysis of Boeing, Martin, and Republic layoffs, 3733
skilled workers, job grading standard, civil service, trades helper jobs, 3883
sources of information on labor in Japan, 4471
see also Occupations—*also* headings beginning Labor.
Labor and Public Welfare Committee, Senate:
committee prints, 4091–92, 4094
hearings, 4093, 4095
investigations and studies, education, etc., of Indian children, authorization, hearings, 4093
Labor Department:
career opportunities, help us meet the challenge, 4463
Secretary, nomination of George P. Shultz hearing, 4095
Labor disputes, emergency board report, Illinois Central Railroad Company, Louisville & Nashville Railroad Company, and Belt Railway Company of Chicago, 4191
Labor laws:
and practice in—
Indonesia, 4469
Peru, 4470
State and Federal, legislation, 1967, annual digest, 4468
Labor management relations, *see* Industrial relations.
Labor relations, *see* Industrial relations.
Labor standards:
Fair labor standards act—
determination under, and interpretations of, Code of Federal regulations, 5005
reports to Congress as required by sec. 4(d), 5003–4
operating practices, work rules, etc., in railroad industry, joint labor-management improvement program, 4272
Labor Standards Bureau, bulletin, 4468
Labor Statistics Bureau:
BLS report series, 4469–71
bulletins, 4472–4604
Laboratories:
central laboratories exchange experience, USSR, 4446
laboratory reprocessing effects on silver phosphate glass microdosimeters, 3703
see also names of laboratories or places where located.
Laboratory-field comparisons of built-up roofing membranes, 4768
Laboratory wastes, *see* Waste products.
Laborers, *see* Labor.
Lacey, Robert E., electrosorption and desorption process for dimineralization, 4404
Lackey, Earl E., general nomograph for normal and skewed frequency distributions, climatological and other applications, 3762
LaFerney, Preston, E., nonlinear model for evaluation of cotton processed by mills for specific end uses, 3673
Laird, Melvin R., nomination, hearings, 4071
Lake County, Mont., mineral resources of Mission Mountains primitive area, 4350
Lake States, *see* Great Lake States.
Lake Survey:
basic data reports, 4610
research reports, 4611
Lamadriz, Domingo, relief, 4032
Laminar flow, *see* Flow.
Lamont-Havers, Ronald W., effects of chronic salicylate administration, 4782
Lampreys, lamprey larvicides effects on invertebrates in streams, 3926
Land:
acquisition for public airports, Federal aviation regulations, change, 4245
policies and practices for acquiring land for reservoir projects, Corps of Engineers (civil functions), GAO review, 4345
see also Real estate.
Land vehicles, *see* Vehicles.
Landing (spacecraft), *see* Spacecraft.
Landing fields, *see* Aviation fields.
Landscape architects, employment outlook, 4516
Lange, G. Robert, rotary drilling and coring in permafrost, preliminary investigation at Fort Churchill, Manitoba, 3747
Larger units, theater Army-corps, 3756
Lasher, L. E., effect of shock precursor heating on radiative flux to blunt bodies, 4680
Late somatic effects on ionizing radiation, 3812
Lathers, employment outlook, 4487
Launch vehicles, *see* Adaptors—Spacecraft.
Launchers, see Rocket launchers.
Law, James P., jr., agricultural utilization of sewage effluent and sludge, 4287
Law, legal guideline for governmental action, alternatives to urban sprawl, 4860
see also Codes of law—International law—*also* subjects.
Law enforcement, officers, facts about compensation for non-Federal death and disability benefits, 4192
Lawrence Hall of Science, experimentally oriented science exhibits, 3811
Laws, *see* Labor laws—*also* subjects.
Lawyers:
employment outlook, 4517
estate tax attorney, career with Internal Revenue Service, 4408
Navy, professional opportunities, 4454
pay, national survey, 4597
Layout men (machine shop):
employment outlook, 4519
Leadership:
pointers on conference leadership, 4855
training for, career in Office of Education, 4188
Leaflets, *see* subjects.
Leases, lease program guarantee program for Small Business Administration, staff review and analysis, 4073
Leave of absence, civilian employees in military departments, need for improved accounting, GAO review, 4341
Leaves, *see* Defoliation.
Lebanon, background notes, 4956

Legal and economic impact of foreign banking procedures on United States, hearing, 3987
Legislation, volunteer organization role in legislative process, Michigan minimum wage campaign, 5007
See also subjects.
Legislative, Executive, and Judicial Salaries Commission, *see* Executive, Legislative, and Judicial Salaries Commission.
Lehman Caves National Monument, general information, 4802
Lemonade, frozen concentrate, U.S. standards for grades, 4110
Lens (eye), *see* Eyes.
Lenses:
lighting, Federal item identification guide, 4130
yellow lenses in Air Force operations, 3701
Leonard, Rodney E., statement, Nov. 20, 1968, 3670
Leonard, Will E., jr., nomination, hearing, 4077
Lesser Sunda Islands, sailing directions, change, 4820
Lettuce, market quality of lettuce shipped in nitrogen-refrigerated and mechanically refrigerated trailers, effects on transit temperatures and modified atmospheres, 3647
Levisky, E. S., lifting surface theory and tail downwash calculations for V/STOL aircraft in transition and cruise, 3784
Lewis County, W. Va., coal, preparation characteristics, 4638
L'Hollier, L. H., sealed insulated military boots, 3761
Liberal, Kans., motor carrier accident, 4655
Librarians, employment outlook, 4518
see also Medical record librarians.
Libraries, library materials in Federal government, procurement, orientation aid, 4614
Library of Congress, catalogs, national register of microform masters, 4613
Lichens, algae, title page and contents, 4794
Life insurance, servicemen's group, conversion, 5001
Life support systems, integrated, for aerospace application utilizing radioisotopes for thermal energy, design study, 3799
see also Environment—Spacecraft.
Lift (aircraft):
lift and drag for slender sharp-edge delta wings in ground proximity, prediction, 4704
lifting surface theory and tail downwash calculations for V/STOL aircraft in transition and cruise, 3784
Light, low-level red and white, near visual acuity under, 3715
Lightner, Lee M., preventive periodontic treatment procedures, results after 2 years, 3706
Lights and lighting:
Navy design manual, changes, 4818
tree shadow pattern and illumination measurements within clearcut strips and irregular openings in true fir forest, 4320
Lim, B. H., mineral industry of Japan, 4623
Lima, Carlos J. Aguilar, *see* Aguilar, Carlos J.
Limeade, frozen, concentrate, U.S. standards for grades, 4111
Limestone, Aguada, of northwestern Puerto Rico, 4354
Lincoln, George A., nomination, hearing, 4070
Lincoln, J. Virginia, abbreviated calendar record, 4225
Lincoln Back Country Wilderness in Montana, designate as wilderness area, proposal, hearing, 4805
Lincoln Memorial, general information, 4803
Linters, *see* Cotton.
Liquids, plates sealing an incompressible liquid, 3746
Liquors, laws and regulations for retail dealers, 4412
Litchford, G. B., study of advanced electronic applications to aeronautical display and control problems, 4670
Litecky, Paul A., franchising, 4923
Lithium hydride, lithium hydride and tungsten spherical media, transport study of neutron and photon attenuation through, 4719
Little Rock, Ark., area wage survey, 4599
Livestock, *see* Food for livestock.
Load (mechanics):
airdrop, reference data, Army technical manual, 3781
Chinook, CH-47A, engine load sharing, 3785
load loss from rock-bolt anchor creep, 4641
Loans:
monetary restraint, borrowing, and capital spending in 1966 by small local governments and State colleges, 4277
rural housing, 4229
Small Business Administration, lease guarantee program, staff review and analysis, 4073
student loan program, health professions, standard repayment plans, 4900
Locomotives, inspection, laws, rules, and instructions, 4273
Lof, George O. G., technical cooperation on solar distillation development program of Spain, 4403
Logan County, Ark., Scranton and New Blaine quadrangles, geology, 4363
Logging, *see* Lumbering.
Logistics, *see* Military art and science.
Logs:
calculation of tree volumes with interior defect, NETVSL computer program, 4323
Indiana sawmills receive 232 million board feet of saw logs in 1966, 4314
sugar maple tree yields by saw log grade, estimate by use of d.b.h., diameter at breast height, and butt log grade, 4313
veneer-log production and consumption, North Central region, 4333
Logsdon, Donald F., jr., simultaneous measurement of blood parameters using radiochromium-labeled red cells and radioiron-labeled plasma, 3712
Longitudinal stability, *see* Stability of aircraft.
Longleaf pine, *see* Pine.
Loomis, Robert M., fuel evaluation for Missouri pine plantation released by aerial spraying, 4310
Looting, *see* Pillage.
Lopez, Juan A., relief, 4042
Louisiana, landings, annual summary, 3911
Louisville & Nashville R. R., emergency board report, 4191
Lubrication, in turbulent regime, 3794
Luce, Phillip A., guerrilla warfare advocates in U.S., report, 4004
Lumber:
shrinkage and footage loss from drying hard maple lumber, 4324
structural lumber, some nondestructive parameters for prediction of strength, 4322
see also Logs.
Lumbering, operational test of natural-shaped logging balloon, 4318
Lumbermen, publications of interest to, list, 4298
Luminosity, yellow lenses in Air Force operations, 3701
Lunar gravitation, *see* Moon.
Lunches, *see* School lunches.

334-546—69—No. 890——10

Lundin, Charles E., use of thermodynamic properties of metal-gas systems as reduced-pressure standards, 4683
Luxner, James V., face ventilation in under ground bituminous coal mines, 4644
Lyon, Robert L., tolerance of spruce budworm to malathion, Montana, New Mexico populations show no differences, 4321

M

Macaca mulatta, *see* Monkeys.
McCarthy, J. H., jr., mercury in soil gas and air, potential tool in mineral exploration, 4357
McCartney, James T., pyrite size distribution and coal-pyrite particle association in steam coals, correlation with pyrite removal by float-sink methods, 4650
McClellan, Edwin N., United States Marine Corps in World War, 4615
McCracken, Paul W., nomination, hearing, 4074
McDougal, Robert B., mineral industry of Oklahoma, 4624
McGuinness, C. L., scientific or rule-of-thumb techniques of ground water management, which will prevail? 4356
Machine tool operators, employment outlook, 4519
Machinery:
  industrial machinery repairmen, employment outlook, 4520
  Soviet heavy-machine building developments, 4438
Machines, *see* Machinery.
Machining, occupations, employment outlook, 4519
Machinists, employment outlook, 4519
  see also Aviation machinists.
McKee, Edwin H., geology of Magruder Mountain area, Nevada-California, 4347
McLain, Douglas R., oceanographic surveys of Traitors Cove, Revillagigedo Island, Alaska, 3937
McLaughlin, Milton D., supersonic transport operating practices during simulated operations in future air traffic control system environment, 4743
McNaney, Joseph J., Nimbus II flight evaluation and engineering report launch through orbit 5275, 4702
McNitt, Harold A., market factors in Denmark, 3899
Madden, Richard, hypervelocity impact analysis of the method of characteristics, 4754
Maglieri, Domenic J., variability in sonic boom signatures measured along 8000-foot linear array, 4747
Magnetic fields, convected balanced arc, experimental and theoretical analysis, 4681
Magnetic materials:
  for static inverters and converters, evaluation, 4664
  transportation, Federal aviation regulations, change, 4241
Magnets, *see* Electromagnets.
Magruder Mountain, geology of area, 4347
Mah, Alla D., heats of formation of chromium carbides, 4639
Mail carriers, rural, instructions to applicants for examinations, 3878
Mail matter:
  military assistance program address directory, 4140–41
  transportation by motor carrier and freight forwarders, revision of laws, 3996
Maintenance, L/MF range equipment, 4248A
Making the scene in jobs, school, training, through Neighborhood Youth Corps, 4464
Malathion, tolerance of spruce budworm to, 4321
Malta, maritime matters, deployment of U.S.S. *Everglades*, agreement, 4971
Man, human survival in aircraft emergencies, 4678
Management *see* Administrative management.
Managers, traffic, industrial, employment outlook, 4541
Managing the environment, 3909
Maneuvers, *see* Flight.
Manifolding, *see* Duplicating processes.
Manmade fiber broadwoven goods average weight and width of fabrics, current industrial reports, 3850
Manpower:
  baccalaureate sources of science and engineering manpower, 4815
  crisis of qualified manpower for criminal justice, analytic assessment with guidelines for new policy, 4928
  development and training, preparing people for good jobs, 4465
  report of the President—
    departmental edition, 4466
    document edition, 3975
Mansell, R. L., effects of prolonged reduced pressure on growth and nitrogen content of turnip, 3705
Mansker Creek:
  flood plain information, 4202
  floods in Pocahontas, Ark., how to avoid damage, 4209
Manuals, *see* names of departments, etc., issuing manuals—*also* subjects.
Manufactures and manufacturers:
  annual survey of manufactures, 3828–29
    States, standard metropolitan statistical areas and large industrial counties, statistics—
      Mountain division, 3829
      West North Central division, 3828
  Federal supply code for manufacturers, United States and Canada, code to name, 4122
  salesmen and saleswomen, employment outlook, 4546
MAP (Military assistance program), *see* Military aid.
Maple:
  shrinkage and footage loss from drying 4/4-inch hard maple lumber, 4324
  sugar maple tree yields by saw log grade, estimate by use of d.b.h., diameter at breast height, and butt log grade, 4313
Maps and charts:
  catalog of copyright entries, 4117
  geologic maps of the moon, 4360
  see also subjects.
Maraging steel, *see* Steel.
Marble, setters, employment outlook, 4484
Marcus, B. D., effect of surface potential on scale formation, 4400
Margolles, Jose R. Portela y, *see* Portela, Jose R.
Maricopa County, Ariz.:
  Agua Fria River drainage area floods, how to avoid damage, 4199
  flood plain information, 4200
Marine Corps:
  Assistant Commandant, grade of general, establish, hearings, 3985
  historical reference pamphlet, 4615
  in World War, history, 4615
Marine Corps War Memorial, general information, 4807
Marine geodesy, *see* Geodesy.
Marine science, *see* Oceanography.
Marines, *see* Marine Corps.
Maritime industry, *see* Merchant marine.
Markets and marketing:
  acreage marketing guides, 4102
  bibliography on marketing to low-income consumers, 3826
  distribution cost analysis, bibliography, 4924

Markets and marketing—Continued
Government market, guide for buying and selling, directory, 4926
market factors in—
Denmark, 3899
Norway, 3904
marketing research report, 3646–49
marketing research workers, employment outlook, 4474
match supply with demand to market vegetables successfully, 4104
see also names or classes of commodities, etc., marketed.
Marksmanship, *see* Shooting.
Marquette County, Mich., Reany Creek formation, description, 4353
Mars (planet):
book, 4694
Martens, Laurence A., flood inundation and effects of urbanization in metropolitan Charlotte, N.C., 4370
Martian atmosphere, *see* Atmosphere.
Martignoni, Mauro E., determination of nucleopolyhedron counts and size frequency distributions by means of Coulter transducer, 4316
Martin, Benjamin G., eye opacities in flying personnel, 3693
Martin, William J., storage-dispenser device for food cubes aboard space vehicle, 3694
Maryland, electric note book, 4266
Masons:
cement masons, employment outlook, 4487
stonemasons, employment outlook, 4484
Massachusetts, landings, by gear and subareas, 3913
Matched-conic solutions to round-trip interplanetary trajectory problems that insure state-vector continuity at all boundaries, 4705
Materials, standard reference materials, National Bureau of Standards, catalog and price list, quarterly insert sheets, 4761
Materiel, *see* Military supplies.
Materjak, R. J., Bossler coupling, 4671
Mathematical models, *see* Mathematics.
Mathematicians, employment outlook, 4521
Mathematics:
family of solution of certain nonautonomous differential equations by series of exponential functions, 4689
mathematical models of epidemics, USSR study, 4441
related fields, mathematicians, statisticians, actuaries, employment outlook, 4521
role in sociology, USSR study, 4433
solutions of blunt-body stagnation-region flows with nongray emission and absorption of radiation by time-asymptotic technique, 4755
tables of bias functions, B_1 and B_2 for variances based on finite samples of processes with power law spectral densities, 4765
to improve secondary school science and mathematics teaching, history of National Science Foundation's programs, 4812
see also Optimal processes—Vectors (mathematics).
Mauldin, Lemuel E., III, optical system for recording schlieren images with continuous-writing ultra-high-speed framing camera, 4718
Mauritania, Algeria boundary, study, 4966
Mauritius, capsule facts for Armed Forces, 3724
MDTA (Manpower development and training act), *see* Manpower.
Measurements, absolute, of alpha emission and spontaneous fission, 3801
see also subject of measurement.
Measures, *see* Metric system.
Meat, institutional purchase specifications, approved by USDA portion-cut products, amendment, 4103
Mechanical engineers, employment outlook, 4505
Mechanical instrument makers, *see* Instrument makers.
Mechanical properties, high-temperature, polycrystalline hafnium carbide and hafnium carbide containing 13-volume-percent hafnium diboride, 4735
Mechanics (persons):
employment outlook—
air conditioning and heating mechanics, 4475
appliance servicemen, 4476
automobile mechanics, 4478
automobile service advisors, 4478
bowling-pin-machine mechanics, 4483
diesel mechanics, farm equipment mechanics, 4497
elevator constructors, 4557
industrial machinery repairmen, 4520
optical mechanics, 4499
truck and bus mechanics, 4478
vending machine mechanics, 4563
refrigeration mechanics, suggested guide for training course, 4182
vending machine repairman, suggested guide for training course, 4190
Medicaid, *see* Medical assistance.
Medical and Occupational Radiation Program, MORP series, 4884
Medical apparatus, *see* Medical instruments and apparatus.
Medical assistance:
medicaid, intergovernmental problems—ACIR hearing, 3615
commission report, 3616
Medical care:
coverage of drugs, Task Force on Prescription Drugs, interim report, 4381
current medicare survey reports—
CMS series, 4933–34
medical insurance sample, 4934
medicare—
hospital services length of stay of patients discharged from short-stay hospitals, 4935
number using services, 1967, estimate, 4933
reimbursement incentives for hospital and medical care, objectives and alternatives, 4939
regional medical programs for heart disease, cancer, stroke, etc., progress report, 4891
role of medicine for emergency preparedness, 4877
Medical Department, Navy manual, change, 4616
Medical education, *see* Medicine.
Medical instruments and apparatus, information retrieval system for medical diagnostic equipment, USSR study, 4440
Medical laboratory technicians, medical laboratory assistants, employment outlook, 4523
Medical record librarians, employment outlook, 4522
Medical research, *see* Medicine.
Medical technicians, *see* X-ray technicians.
Medical technologists:
employment outlook, 4523
examination announcement, discontinuance notices, 3874–75
Medical zoology, *see* Zoology.
Medicare, *see* Medical care.
Medicinal substances, *see* Medicines.
Medicine:
aerospace, flight surgeon's guide, AF manual, 3685
associate training programs, medical and biological sciences, NIH, 4775
history, bibliography, 4791

Medicine—Continued
medical benefits from space research, 4691
medical research and educational activities of foundations and non-profit research institutes, 4785
resources for medical research reports, 4785
role for emergency preparedness, 4877
School of Aerospace Medicine technical reports, 3691–3717
see also Nuclear medicine.
Medicine and Surgery Department, Veterans Administration, career opportunities, dentistry, 4997
Medicines, medicinal and toxic fluorocarbon compounds, USSR study, 4449
Mellor, Malcolm, methods of building on permanent snowfields, 3751
Membranes:
built-up roofing membranes, laboratory-field comparisons, 4768
improved cellulose acetate membranes, development for reverse osmosis, 4405
permselective, influence of strongly bound counter-ions on, 4396
ultrathin, development, 4397
Memorial services:
Holland, Elmer J., 3931
Kennedy, Robert F., 3932
Mental Health:
community mental health centers construction act of 1963, amended, selected titles, 4094
from witchcraft and sorcery to head-shrinking, society's concern about mental health, 4881
Mental health centers, *see* Mental institutions.
Mental institutions:
community mental health centers construction act of 1963, amended, selected titles, 4094
residential services for mentally retarded, changing patterns, 4857
Mental retardation:
biological factors, hope through research, 4882
facilities and community mental health centers construction act of 1963, amended, selected titles, 4094
social sciences and mental retardation, family components, 4787
Mentally retarded:
mental retardation, its biological factors, hope through research, 4882
residential services, changing patterns, 4857
Menus for spaceflight, food cubes aboard space vehicle, storage-dispenser device, 3694
Merchandise, *see* Commercial products.
Merchant marine:
act of 1963, amend to provide new program, hearing, 4075
disadvantaged young men prepare for well-paying careers in maritime fleet, training program for cooks, bakers and butchers, 4195
laws relating to, compilation, 3943
Mercury, in soil gas and air, potential tool in mineral exploration, 4357
Merrill, Carl C., beneficiation of titanium chlorination residues, 4642
Merritt Dam, technical record of design and construction, 4911
Mertins, Paul F.:
financial statistics of institutions of higher education—
current funds, revenues, and expenditures, 4169
student financial aid, 4170
Mesosphere, theoretical comparison of beads, wires, and films as rocketsonde temperature sensors in mesophere, 4688
Messengers, assignment, Washington, D.C., with State Department, 4968
Messes, ashore, Navy manual, change, 4831
Metal sheeting, *see* Sheet metal.
Metallic film, as rocketsonde temperature sensors in mesosphere, theoretical comparison, 4688
Metallurgical engineers, employment outlook, 4505
Metallurgy:
maraging steels, 18-percent nickel, metallurgy, behavior, and application, 4697
metallurgical technology, 2 year post high school curriculum, 4178
power, W-20 percent Mo alloy fabricated by homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of, 4762
Metals:
esters and metal organics, technical grade military standard, 4136
founding, classification definitions, 4840
joining refractory metal compounds by hot pressing, 4646
metal-gas systems, use of thermodynamic properties as reduced-pressure standards, 4683
yearbook, 1967—
departmental editon, 4633
document edition, 3945
Meteorological Rocket Network, Experimental InterAmerican, *see* Experimental InterAmerican Meteorological Rocket Network.
Meteorologists, employment outlook, 4501
Meteorology, Federal plan for meteorological services and supporting research, 1970 fiscal year, 4218
Methanes, methane-fluorine-oxygen and butene-l-fluorine-oxygen rocket performance, nonequilibrium calculations, 4721
Methodology for today's tasks, workshop proceedings, 4932
Metric system, English and metric systems of measurement, with chart, brief history and use, 4764
Metropolitan Boston Intrastate Air Quality, Control Region consultation, report, 4895
Mexico, uranium deposits, 3807
Mexico, Gulf of, fishermen's atlas of monthly sea surface temperatures for area, 3918
Miami, Fla., report of Miami Study Team on Civil Disturbances, 4859
Mice:
exposed to cobalt-60 gamma irradiation, dose rate effect on LD 50/30, 3704
psychotomimetic agents, comparison of effects, USSR study, 4443
Michigan, minimum wage campaign, role of volunteer organization in legislative process, 5007
Microanalysis, *see* Chemical analysis.
Microbiology, microbiologic studies of activated sludge process for recycling of human wastes, 3696
Microdosimeters, *see* Dosimeters.
Microforms, masters, national register, 4613
Middle Atlantic States, *see* Atlantic States.
Middle East, *see* East (Middle East).
Middleton, John T., address, Dec. 2, 1968, 4869
Miklius, Walter, economic performance of motor carriers operating under agricultural exemption in interstate trucking, 3649
Milera, Juan A., relief, 4016
Miles, B. M., critically evaluated transition probabilities for Ba I and II, 4769
Military aid:
agreement with Norway, 4975
foreign assistance act of 1968, hearings, 3990
military assistance program address directory, 4140–41

Military aid—Continued
world military expenditures, and related data calendar year 1966 and 1962–67 summary trends, 3734
Military art and science:
larger units, theater Army-corps, field manual, 3756
United States Army in World War II, global logistics and strategy, 4618
Military assistance, *see* Military aid.
Military deserters, 4069
Military-economic problems in political economy course, USSR, 4437
Military equipment, *see* Military supplies.
Military establishment, *see* Defense Department.
Military history, Marine Corps historical reference pamphlet, 4615
Military personnel, *see* Air Force.
Military publications, index of AMC publications and blank forms, 3735
Military service, deserters, problem, hearings, 4069
Military standards, *see* Standards and standardization.
Military supplies:
airdrop of supplies and equipment, Army technical manual, reference data for airdrop loads, 3781
electromagnetic interference characteristics requirements for equipment, military standard, 4133
MILSTRIP military standard requisitioning and issue procedures, supplements, 4140–42
MILSTRIP, requisition fund codes, 4143
procurement, aircraft rocket launchers, report, 3991
purchasing and sales directory, 4926
work breakdown structures for defense materiel items, military standard, 4135
world military expenditures, and related data calendar year 1966 and 1962–67 summary trends, 3734
Milk:
milkhouse, farm building plan, 3656
processing lines, adapting flow-diversion valve and homogenizer to permit automated cleaning-in-place, 3622
Milkhouses, *see* Milk.
Mill Creek:
flood plain information, 4204
floods in Fort Smith, Ark., how to avoid damage, 4207
Miller, Robert E.:
development of officer selection and classification tests, 3677
predicting 1st year achievement of Air Force Academy cadets, 1968 class, 3676
Miller act, *see* Government contracts.
Millwrights, employment outlook, 4520
MILSCAP (Military standard contract administration procedures), *see* Government contracts.
MILSTRIP (Military standard requisitioning and issue procedures), *see* Military supplies.
Mind, *see* Intellect.
Minerals:
exploration, mercury in soil gas and air, potential tool, 4357
industry, minerals yearbook chapter—
Africa, 4625
Japan, 4623
Oklahoma, 4624
Pennsylvania, 4626
Southern Rhodesia, 4627
Tennessee, 4628
Texas, 4629
West Virginia, 4630
Zambia, 4631
minerals in world economy, minerals yearbook chapter, 4632
resources, Mission Mountains primitive area, Missoula and Lake Counties, Mont., 4350
Minerals—Continued
yearbook, 1967, metals, minerals, and fuels—
departmental edition, 4633
document edition, 3945
Mines and mining, near-surface horizontal stresses including effects of rock anisotropy, 4645
Mines Bureau:
bulletins, 4619
information circulars, 4620–22
report of investigations, 4636–53
Minimum wage, *see* Wages.
Mining engineers, employment outlook, 4505
Ministers of religion, *see* Clergy.
Minorities, job patterns in private industry, 4226
Miscellaneous publications, *see* names of departments, etc., issuing publications.
Missile Sites Labor Commission, 1961–67 operation, 4260
Missiles:
manufacturing occupations, employment outlook, 4568
Sentinel anti-ballistic missile system construction status and selection of sites, briefing, 3983
surface-to-air series engineering design handbook, 3736
Mission Mountains, primitive area, mineral resources, 4350
Mississippi County, Ark.:
drainage district no. 17 ,engineers report—
departmental edition, 4212
document edition, 3947
Missoula County, Mont., mineral resources of Mission Mountain primitive area, 4350
Missouri pine plantation fuel evaluation, released by aerial spraying, 4310
Missouri River and Valley, hydro-power plant transients prototype measurements, North and South Dakota, 4215
Missouri River Basin project:
Merritt Dam, technical record of design and construction, 4911
Narrows unit, South Platte division, construct, operate, etc., reauthorize hearings, 3992
O'Neill unit, construction, report, 3949
Mitchell, John N., nomination hearing, 4090
Mites, spider mites on cotton, control, 3645
Mitlin, Lucelle L., boll weevil, anthonomus grandis Boh, abstracts of research publications, 3651
Mitosis, *see* Karyotensis.
Mobile homes, *see* Trailers.
Mobilization, *see* National defense.
Mobilometers, test, thickened hydrocarbon flame fuels, consistency determination, military standard, 4137
Moisture, acorn moisture content critical for cherrybark oak germination, 4309
Moline, Ill., area wage survey, 4603
Mollusks, invertebrates in streams, effects of lamprey larvicides on, 3926
Molten salts, *see* Salt.
Molybdenum, alloy, W–20 percent Mo alloy fabricated by Powder metallurgical methods, homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of, 4762
Momentum, *see* Motion.
Monego, Constantin, mechanics of rupture of cotton-dacron blended yarns, 3757
Money:
facts about U.S. money, 4993
foreign exchange, Treasury reporting rates of exchange, 3613
monetary restraint, borrowing, and capital spending in 1966 by small local governments and State colleges, 4277
Monkeys:
rhesus—
early effects of 150-Mev proton irradiation, 3698

Monkeys—Continued
rhesus—continued
radioprotection with 2-(1 decylamino) ethanethiosulfuric acid, 3709
Monopolies, antitrust laws, administration, investigation authorization, report, 4058
Monopulse radar monopulse arrays with discrete elements, analysis and synthesis, 4216
Monroe, Watson H., Aguada limestone of northwestern Puerto Rico, 4354
Montana, spruce budworm, tolerance to malathion, 4321
Montero, Rene E., relief, 4041
Moon:
Apollo 8, man around the moon, 4692
geologic maps, 4360
lunar gravity simulator, 4667–68
radio bridge, Earth-Moon-Earth, 4759
Moral obligation to communicate (speech), 4929
Morgen, Richard J., lunar gravity simulator, 4668
Morocco, foreign trade regulations, 3895
MORP, *see* Medical and Occupational Radiation Program.
Morriss, E. Frances, supplement for 1968 to statistics on cotton and related data, 3672
Mortgage insurance:
FHA home—
area trends, 4256
State trends, 4258
Mosquitoes controlling in your home and on your premises, 3639
Motion:
momentum diffusion between 2 supersonic airstreams in presence of shock waves, preliminary investigation, 4712
Planet Pluto, theory, 4757
Motion picture projectionists, employment outlook, 4525
Motion pictures:
catalog of copyright entries, 4118
screening of foreign films deplored, USSR study, 4451
Motley, Dena, reimbursement incentives for hospital and medical care, objectives and alternatives, 4939
Motor carriers:
mail transportation laws, revision, 3996
operating under agricultural exemption in interstate trucking, economic performance, 3649
property, safety road checks, 4657
see also vehicle accidents.
Motor fuel, aircraft fuel systems conference on fire safety measures, report, 4288
see also Gasoline.
Motor vehicle accidents:
motor carrier accident investigation reports, 4655–56
1967 accidents of large motor carriers of property, 4654
Motor vehicle operators:
employment outlook, driving occupations, trucks, bus, and taxi drivers, routemen, 4500
job grading standards, 3882
read before driving, safety driving practices, booklet, 4774
Motor vehicles:
equipment, manufacturing, employment outlook, 4583
manufacturing, employment outlook, 4583
see also Motor carriers.
Motorbus drivers, employment outlook, bus drivers, 4500
Motortruck drivers, employment outlook, truck drivers, 4500
Motors and generators, current industrial reports, 3852
MP series, 4388–90
Mount Hood National Forest, designate Mount Jefferson Wilderness, report, 4046
Mount Jefferson Wilderness, designate, report, 4046
Mountain States, *see* Rocky Mountain States.
Mourad, A. G., satellite applications to marine geodesy, 4674
Mouse, *see* Mice.
Mullins, Cecil J., reasons for Air Force enlistment, 3675
Multiloop tasks, *see* Control systems.
Murray, C. Richard, estimated use of water in United States, 4355
Murrumbidgee River, and Paleochannels, Australia, river adjustment to altered hydrologic regimen, 4366
Murtagh, Thomas B., planetary probe guidance accuracy influence factors for conjunction-class missions, 4701
Mutual assistance, *see* Military aid.
Mutual defense, *see* Military aid.
Mutual defense assistance control act of 1951, *see* Exports.
Mutual funds, *see* Investment companies.
Mylonas, C., notch brittleness after prestraining, 4922
Myxomycetes, from Dominica, 4796
Mzhavanadze bestows honor on Rustavi komsomol, 4453

N

N.R.A.B., *see* National Railroad Adjustment Board.
N.R.O.T.C., *see* Naval Reserve Officers Training Corps.
Nachtscheim, Philip R., analysis of stability of thin liquid film adjacent to high-speed gas stream, 4713
Narcotic habit, drug dependence and abuse, 1928–66, bibliography, 4872
Narrows unit, *see* Missouri River Basin project.
NASA, *see* National Aeronautics and Space Administration.
NASA EP series, 4691–92
NASA SP series, 4693–98
Nassif, Helen C.:
Court of Customs and Patent Appeals—
customs cases adjudged, etc., 4119
patent cases adjudged, etc., 4120
Natick Laboratories, Natick, Mass., technical reports, 3757–62
National Advisory Committee on Alcoholism, interim report to Secretary of Department of Health, Education, and Welfare, 4376
National Advisory Council on Education of Disadvantaged Children, annual report, 4658
National Aeronautics and Space Administration:
contractor report CR (series), 4660–89
contributions to bioinstrumentation systems, survey, 4698
contributions to development of special-purpose thermocouples, survey, correction sheet, 4696
EP series, 4691–92
NASA contractors trim cost, 4690
SP series, 4693–98
technical notes, 4699–4750
technical reports, 4751–56
technical translations, 4757–59
National Air Pollution Control Administration:
air quality and emission data program, 4871
publications, AP series, 4885–86
National Atmospheric Sciences Program, 4252
National Bureau of Standards:
miscellaneous publication, 4761
special publications, 4762–64
standard reference materials—
catalog and price list, quarterly insert sheets, 4761

National Bureau of Standards—Continued
standard reference materials—continued
homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of W–20 percent Mo alloy, etc., 4762
technical notes, 4765–69
National Cancer Institute, research report, 4784
National capital, *see* Capital of United States.
National Center for Radiological Health, research projects supported by grant funds, 4887
National Cleft Lip and Palate Intelligence Service, congenital malformations classification, for use in coding birth certificates, 4874
National Commission on Causes and Prevention of Violence:
Miami, Fla., report of Miami Study Team on Civil Disturbances, 4859
PACE report, National Commission on, 4861
progress report, 4862
National Commission on Urban Problems, research reports, 4860
National Council on Marine Resources and Engineering Development:
annual report—
departmental edition, 4770
document edition, 3972
National Defense:
defense workers, reemployment experiences, 3733
education act of 1958, graduate fellowships, 1969–70 graduate programs, 4179
mobilization report, 3982
program, 1970–74 and 1970 budget, statement, 4146
National electric rate book, 4263–69
National Export Expansion Council, policies to improve U.S. balance of trade and of payments, 1968 reports, 3905
National forests:
America's playgrounds, skiing, 3663
recreation in Nevada, guide, 4300
system, resolutions, adopted 1968, Forest Service comments, 4299
see also names of forests.
National Guard:
Air, general officers, list, 4771
Army, general officers, list, 4771
job rights, key answers for employers, etc., 5002
National Heart Institute, 15th conference of cardiovascular training grant program directors, report, 4783
National Herbarium, contributions from, 4794–96
National Institutes of Health:
associate training programs, medical and biological sciences, 4775
programs, work, etc., 4779
public advisory groups, councils, committees, boards, study sections, roster of members, 4786
resources for medical research reports, 4785
training programs—
1968 funds, 4780
pharmacology research associate, 4781
National Labor Relations Board:
congressional oversight, hearings, 4087
decisions and orders, bound volume, 4790
National Museum:
bulletins, 4792–93
proceedings, 4797
title page and contents, 4797
National Railroad Adjustment Board, awards, 4809
National Science Foundation:
administer national grants program, study, institutional, 4000
grants and awards, 4811
publications, list, 4814
National Science Foundation—Continued
report, 1968—
departmental edition, 4813
document edition, 3969
reviews of data on, science resources, 4815–16
to improve secondary school science and mathematics teaching, history of summer institutes program, 4812
National security, Government operations, investigation, authorization, report, 4056
see also National defense.
National Space Science Data Center, NSSDC series, 4760
Nation's youth, chart book, 4867
Natural Bridges National Monument, general information, 4804
Natural gas, *see* Gas.
Natural resources:
North Dakota, 4395
resource bulletins, 4332–35
Naturalization, investigation, authorization, report, 4061
Naval art and science, U.S.S.R. vs. U.S.A., changing strategic naval balance, 3984
Naval aviation, *see* Aeronautics.
Naval education:
Navy training courses, 4827–30
NROTC 2-year college contract program, 4832
Naval Facilities Engineering Command, design manual, 4818
Naval Oceanographic Office:
publications series, 4819–23
technical reports, 4824
Naval Research Laboratory, report series, 4833
Naval Reserve Officers Training Corps, N.R.O.T.C. 2-year college contract program, 4835
Navigation:
aircraft, theory and practice, 4758
artificial islands and fixed structures on outer continental shelf, rules and regulations, 3889
Navy design manual, changes, 4818
Navy:
enlisted personnel classification manual, 4832
flight surgeon, who, what, why, where, when, 4617
lawyer, professional opportunities, 4454
messes ashore, manual, change, 4831
submarine in United States Navy, 4825
Navy Department, Secretary, nomination of John H. Chafee, hearing, 4072
Near East, *see* East (Near East).
Nebraska, irrigation council, annual meeting, proceedings, 4908
Negroes:
black capitalism in the ghetto, 4194
colleges and universities, directory, 4462
Neighborhood Youth Corps, making the scene in jobs, school, training, 4464
Nepal, climate, annotated bibliography, 4224
Nervous system, behavioral and circulatory responses to x-irradiation to whole body and trunk only, 3710
Netherlands, selling in Netherlands, 3898
Netherlands Carillon, Arlington, Va., general information, 4807
Netzeband, F. F., mineral industry of Texas, 4629
Neumeier, L. A., effect of varied extrusion temperature on properties of zinc-copper-titanium alloy, 4649
Neutrons:
Neutron and photon attenuation through lithium hydride and tungsten spherical media, transport study, 4719
Nevada, national forest recreation guide, 4300
Nevel, Donald E., crowds on ice, 3748
New Blaine quadrangle, Ark., geology, 4363

New England, fisheries, annual summary, 3916
New Guinea, climatological mean probability of penetrable optical path for high intensity high contrast optical targets, maps, 4221
New Hampshire, electric rate book, 4267
New Jersey, radium cases, epidemiological follow-up, progress report, 3802
New Mexico, spruce budworm, tolerance to malathion, 4321
New York Bight, waste disposal, preliminary investigation, 4890
New Zealand, climatological mean probability of penetrable optical path for high intensity high contrast optical targets maps, 4221
Newell, Fred D., human transfer characteristics in flight and ground simulation for roll tracking task, 4734
News reporters, *see* Reporters and reporting.
Newsom, Herschel D., nomination, hearing, 4077
Newspapermen, employment outlook, 4526
Nguyen, Van Hue, relief, 4033
Nicaragua, capsule facts for Armed Forces, 3720
Nichols, Thomas C., jr., engineering geology of Paducah East quadrangle in Kentucky, 4349
Nickel, nickel-blade superalloy sheet, sensitivity of the creep-rupture properties, etc., 4679
Nickel steel, *see* Steel.
Nicolai, Leland, convected balanced arc, experimental and theoretical analysis, 4681
NIH, *see* National Institutes of Health.
Nimbus satellites, *see* Satellites.
Niobium, absorption rate sticking probabilities for oxygen on columium and dilute columbium-zirconium alloys, errata, 4703
Niobrara formation, east flank of Black Hills, S. Dak., phosphate nodules at base of, stratigraphic significance and petrology, 4365
Nitrogen:
  content of turnip, effects of prolonged reduced pressure on, 3705
  fertilizer, growth response of 35-year-old, site V Douglas fir, 4317
  nitrogen-refrigerated and mechanically refrigerated trailers, effects of transit temperatures and modified atmospheres on market quality of lettuce, 3647
  thermodynamic properties, and real-gas effects in critical flow thru nozzles, 4695
Noise:
  error analysis of input-noise-temperature measurements of low-noise amplifiers, 4727
  power plant acoustics, Army technical manual, 3777
Nominations, *see* names of persons.
Nomographs, *see* Nomography (mathematics).
Nomography (mathematics):
  general nomograph for normal and skewed frequency distributions, climatological and other applications, 3762
Nonlinear model for evaluation of cotton, processed for specific end uses, 3673
Nonprofit organizations, medical research and education activities of nonprofit research institutes, 4785
North America, climatological mean probability of penetrable optical path for high intensity, high contrast optical targets, maps, 4222
North American Van Lines, motor carrier accident, 4655
North Carolina:
  central, stratigraphy of Albemarle Group of Carolina slate belt, 4352
  electric rate book, 4268
  landings, annual summary, 3912
North Central region, *see* Central States.
North Central States, *see* Central States.
North Dakota:
  hydro-power plant transients, prototype measurements, 4215
  natural resources, 4395
North Korea, *see* Korea.
North Little Rock, Ark., area wage survey, 4599
Northeast Marine Health Sciences Laboratory, water supply and sea resources program, collected reprints and resume, 4903
Northern Utilization Research & Development Division, laboratories and functions, 3627
Norway:
  market factors, 3904
  mutual defense assistance, agreement, 4975
Notched steel, *see* Steel.
Nozzles, real-gas effects in critical flow thru nozzles and thermodynamic properties of nitrogen and helium, 4695
NRAB, *see* National Railroad Adjustment Board.
NROTC, *see* Naval Reserve Officers Training Corps.
NSSDC, *see* National Space Science Data Center.
Nuclear energy, *see* Atomic energy.
Nuclear engineering, atomic power engineering and its role in technical progress, USSR study, 4436
Nuclear explosions:
  close in air blast from cratering nuclear detonation in rhyolite, 3804
  close in ground motion and earth stress, 3806
  Plowshare program—
    geophysical properties of Palanquin crater site, project Palanquin, 3805
  surface motion measurements, Project Pre-Schooner Project II, 3803
Nuclear explosives, *see* Atomic blasting.
Nuclear fuel, *see* Reactor fuels.
Nuclear medicine, current status in medical practice, symposium proceedings, 3795
Nuclear power plants, *see* Nuclear reactor power plants.
Nuclear reactions, controlled thermonuclear research, perspectives on, conference report, 3813
Nuclear reactor power plants, Siemens and nuclear power stations with pressurized water reactors, 3793
Nuclear science, series, 3800–1.
Nucleopolyhedron virus, *see* Viruses.
Numerical calculations:
  lifting surface theory and tail downwash calculations for V/STOL aircraft in transition and cruise, 3784
  methane-fluorine-oxygen and butene-1-fluorine-oxygen rocket performance, nonequilibrium calculations, 4721
  oxygen difluoride-diborane rocket propellant, theoretical nonequilibrium performance, 4722
Nurses, employment outlook, 4545
Nutrition, facts, 4776
Nutrition and Human Needs, Select Committee on, Senate, establish, text, 4091
NYC, *see* Neighborhood Youth Corps.

O

Oahe Dam, prototype measurements of hydro-power plant transients, North and South Dakota, 4215
Oak:
  acorn moisture content critical for cherry-bark oak germination, 4309
  topography and soil relations for white and black oak in southern Indiana, 4325

OAR, *see* Aerospace Research Office.
OBR series, 3893–3904
Occupational classification, *see* Occupations.
Occupational therapists, employment outlook, 4527
Occupational training, *see* Training.
Occupations:
career opportunities—
dentistry in Veterans' Administration, 4997
Education Office, training for leadership, 4188
engineers in Forest Service, 3650
Internal Revenue Service, taxation, 4406
Labor Department, help us meet the challenge, 4463
maritime fleet, cooks, bakers, butchers, training program, disadvantaged young men prepare for well-paying careers, 4195
conservation, foresters, forestry aids, range managers, 4492
employment patterns for 1960 and 1975, 4595
Federal white collar workers, Oct. 31, 1967, list, 3885
job grading standard, civil service—
cook, 3879
fork lift operator, 3880
intermediate jobs, 3881
motor vehicle operator, 3882
trades helper jobs, 3883
job opportunities—
apprenticeship training available, 4605
college education usually required, 4606
high school education generally required, 4607
high school education preferred, but not essential, 4608
jobs overseas, questions and answers, information, 4197
junior college, technical institute, or other specialized training usually required, 4609
trades and labor job grading system, FPM supplement, 3877
Ocean:
fishermen's atlas of monthly sea surface temperatures for Gulf of Mexico, 3918
water supply and sea resources program, Northeast Marine Health Sciences Laboratory, collected reprints and resume, 4903
Ocean currents, North and South Atlantic Oceans, etc., 4824
Oceanographers, employment outlook, 4501
Oceanography:
marine science affairs, year of broadened participation, report—
departmental edition, 4770
document edition, 3972
Traitors Cove, Revillagigedo Island, Alaska, oceanographic surveys, 3927
Odom, Lewis G., jr., lease guarantee program of Small Business Administration, staff review and analysis, 4073
Odulio, Benito V., relief, 4043
OEO, *see* Economic Opportunity Office.
Off-airway routes (non part 95), 3718
Office employees, clerical, pay, national survey, 4597
Office furniture and equipment, business machine market in Austria, 3893
Office machine operators, employment outlook, 4482
Office machine servicemen, employment outlook, 4485
Office of Emergency Preparedness, *see* Emergency Preparedness Office.
Officers, *see* names of services to which officers belong.
Ogives, cylinder roughness drag due to two-dimensional fabrication-type surface roughness from force tests at transonic speeds, 4732
Oil films, *see* Lubrication.
Okinawa, pocket guide, 3732
Oklahoma, mineral industry, minerals yearbook chapter, 4624
Oklahoma City, Okla., area wage survey, 4598
Oklahoma Transportation Co., motor carrier accident, 4656
O'Leary, Timothy J., effect of ascorbic acid supplementation on tooth mobility, 3711
Olson, Grant, market factors in Norway, 3904
On frontier of silence (speech), 4929
Onagraceae, *see* Camissonia.
O'Neill unit, *see* Missouri River and Basin project.
Opacity, eye opacities in flying personnel, 3693
Operating engineers, construction machinery operator employment outlook, 4528
Ophthalmic lenses, *see* Lenses.
Ophthalmology, *see* Eyes.
Opinions, *see* names of courts, etc., rendering opinions.
Optical filters, *see* Filters and filtration.
Optical instruments and apparatus, shear strain properties to 10^{-10}, 4675
Optical mechanics, *see* Mechanics (persons).
Optical paths:
climatological mean probability of penetrable optical path for high intensity, high contrast optical targets—
Africa, maps, 4220
Eurasia, maps, 4219
North America, maps, 4222
South and Central America, Caribbean area, Australia, maps, etc., 4221
Optical systems, recording schlieren images with continuous-writing ultra-high-speed framing camera, 4718
Optical targets, *see* Targets.
Opticians, employment outlook, 4499
Optimal processes:
optimum design and flight of rockets, investigation, 4753
time optimal space rendezvous computational method, 4742
Optometrists, employment outlook, 4529
Orange juice:
U.S. standards for grades—
canned blended orange juice, 4108
canned concentrated, 4109
Orders, *see* names of departments, etc., issuing orders.
Ordnance,
engineering design handbook surface-to-air missile series, 3736
Oregon:
1967 timber harvest, 4335
southwestern, soil moisture tension variation on cutovers, 4327
three coastal forest types, nutrient cycling by throughfall and stemflow precipitation in, 4326
Oregon Buttes area, Wyo., geology, 4348
Organic compounds:
esters and metal organics, technical grade, military standard, 4136
synthetic chemicals, production and sales—
flavor and perfume materials, 4989
plasticizers, 4990
Organizations, volunteer organization, role in legislative process, Michigan minimum wage campaign, 5007
Orogeny, systematic jointing in western part of anthracite region of eastern Pennsylvania, 4351
Orosz, Ivan, some nondestructive parameters for prediction of strength of structural lumber, 4322
Orta, Martiniano L., relief, 4022
Osmosis, reverse, development of improved cellulose acetate membranes for, 4405
Osmotically induced coalescence of sarcoma cells through intercellular bridges in vitro, 4745

Osteopathic physicians, employment outlook, 4530
OSTS, *see* State Technical Services Office.
Oswald, Daniel D., timber resources of Humboldt County, Calif., 4334
Outdoor Recreation Bureau, grants-in-aid manual, 4836
Outer Continental Shelf lands and act, *see* Continental shelf.
Outer space:
activities of Federal departments, etc., investigation, authorization, report, 4048
aerospace applications, effects of prolonged reduced pressure on growth of turnip, 3705
Brayton-cycle space power application, 1-megawatt reactor design—
neutronics design,
thermal analysis and core design,
integrated life support system for aerospace application utilizing radioisotopes for thermal energy, design study, 3799
medical benefits from space research, 4691
rescue and return of astronauts and return of objects launched into space, agreement, 4978
unique altitude chamber for infectious disease research under aerospace profiles, 3702
USSR achievements in space research, 1957–67, 1st decade in space, 4442
Outgassing, rate-of-rise outgassing-measurement technique, experimental study, 4711
Overseas business reports, 3893–3904
Overseas service, information about jobs overseas, questions and answers, 4197
Oxbow Transport Company, accident, report, 4817
Oxidation:
batch-feeding studies on high-solids activated sludge for treating concentrated human waste, 3708
flow reduction due to oxidation of wire-form porous sheet for transpiration cooled turbine blades, analytical study, 4729
Oxides, *see* oxides by name, e.g. Sulfur oxides.
Oxygen:
absorption rate sticking probabilities, on columbium and dilute columbium-zirconium alloys, errata, 4703
methane-fluorine-oxygen and butene-1-fluorine-oxygen rocket performance, nonequilibrium calculations, 4721
round robin analysis for, in potassium and sodium, evaluation of results, 4709
Oxygen difluoride, oxygen difluoride-diborane rocket propellant theoretical nonequilibrium performance, 4722
Ozark Lock and Dam:
and lock and dam no. 9, engineers report—
departmental edition, 4211
document edition, 4008
Ozark Mountains, poor returns from Ozark woodland grazing, 4306
Ozarks Regional Commission, annual report, 4837

P

PA series, 3663–66
PACE (Projects to advance creativity in education), *see* Elementary education.
Pacific Islands, sailing directions, change, 4822
Packaged disaster hospitals, *see* Hospitals.
Packaging:
converted flexible products, current industrial reports, 3840
produce in trays at central warehouse, 3646
Packard, David, nomination, hearings, 4071
Packing, *see* Packaging.
Paducah East quadrangle, Ky., engineering geology, 4349
Pails, steel shipping, current industrial reports, 3856
Painters:
automobile, employment outlook, 4478
employment outlook, 4486
production painters, employment outlook, 4506
Pakistan, India boundary, Rann of Kutch sector, study, 4964
Palanquin, *see* Project Palanquin (Plowshare program).
Paleontology, contributions to paleontology (series), 4367
Palmby, Clarence D., nomination, hearing, 4068
Palmerola, Joaquin F., relief, 4019
Pamphlets, *see* names of departments, etc., issuing pamphlets.
Panels (aircraft):
stressed, effects of structural damping on flutter, 4720
Panels and paneling:
ablating thermostructural panel, structural synthesis of, 4662
poultry house, post and panel construction, farm building plan, 3652
Pang, C. C., analysis and synthesis of monopulse arrays with discrete elements, 4216
Paper:
allied products industry, employment outlook, 4585
bond and writing, white and colored, Federal standard, cancellation, 4284
industry, employment outlook, 4585
Paperhangers, employment outlook, 4486
Papers, *see* Records.
Parachutes, parachute lofts, Federal aviation regulations, 4243
Parameters:
blood, simultaneous measurement, using radiochromium-labeled red cells and radioiron-labeled plasma, 3712
design, and cost of heat exchangers, evaluation of computers usage, 4620
nondestructive, for prediction of strength of structural lumber, 4322
Parents:
unmarried, services to—
effective patterns (speech), 3865
national trends (speech), 3866
Park, Alice F., direct molded sole boots, 3758
Park, Susan F., basic data on economy of Zambia, 3901
Parole, pilot study of correctional training and manpower, 4928
Parotid fluid, *see* Saliva.
Parsons, Edward W., load loss from rockbolt anchor creep, 4641
Particle accelerators, *see* Accelerators.
Particles:
arbitrary colloidal, water, electro-optical method for proving surface nature of rigid electric dipole, USSR sutdy, 4435
coal-pyrite particle association in steam coals, and pyrite size distribution, 4650
hard, diffusion law for dispersion, in ice matrix that undergoes simple shear deformation, 3744
Patch, R. W., components of hydrogen plasma including minor species, 4723
Patent Office:
annual report, 4848
classification definition series, 4838–47
Patents:
appeals cases adjudged, 4120
government policy study, research summary reports, 4250–51
Pathologists, speech, employment outlook, 4554
Patients, short stay hospitals, length of stay under medicare, 4935

Paull, Robert M., radioprotection with 2(1 decylamino) ethanethiosulfuric acid in rhesus monkey, 3709
Pavements:
airfield and heliport, reports, Army and Air Force emergency construction, 3780
airfields, experimental snow runway pavement in Antartica, 3749
Navy design manual, changes, 4818
Pay, *see* Salaries.
Pay, allowances, etc., uniformed services, compilation, 3986
Pay rolls:
Architect of Capitol, activities, GAO review, 4011
automated central payroll system of Health, Education, and Welfare Dept., improvements needed, GAO report, 4342
Payments, alimony, income tax deduction, 4410
Payrolls, *see* Pay rolls.
Peace Corps, annual report, 4849
Peach trees, *see* Peaches.
Peaches, growing east of Rocky Mountains, 3637
Pearson, Karl G., real estate business, 4925
Penitentiaries, national study authorization report, 4063
Pennsylvania:
eastern, systematic jointing in western part of anthracite region, 4351
mineral industry, minerals yearbook chapter, 4626
Pennsylvania coal, *see* Coal.
Pens, movable pen for truck platform scale, farm building plan, 3653
Pensions:
publications, price list, 4866
retirement plans for self-employed individuals, 4417
welfare and pension plans disclosure act, administration, 1968, report of Secretary of Labor, 4460
Pentagon, general information, 3786
People of rural America, 3862
People who serve education, 4180
Peoples, John A., transport study of neutron and photon attenuation through lithium hydride and tungsten spherical media, 4719
Pepelko, William E., adaptation of dogs to 60 and 90 mm. HG Co_2 at total pressure of 260 mm. HG, 3695
Perez-Abreu, Carlos M., relief, 4013
Performing artists, *see* Entertainers.
Perfumes, synthetic perfume materials, production and sales, 4989
Periodicals:
Government, price list, 4865
Housing and Urban Development Library, subject index, 4390
Periodontal disease, preventive treatment procedures, results after 2 years, 3706
Perishables, *see* Agricultural products.
Permafrost, rotary drilling and coring in permafrost, investigation at Fort Churchill, Manitoba, 3747
Permeability:
controlled to steam, scale control with graphite heat-transfer tubes, phase 2, 4402
nonsteady one dimensional compressible fluid flow through anisotropic porous media, 3745
Personnel management, *see* Administrative management.
Personnel manual, *see* Civil Service.
Personnel research, *see* Ability.
Personnel Research Laboratory, technical reports, 3690
Personnel workers, employment outlook, 4532
PERT, *see* Program evaluation and review technique.
Peru, labor law and practice, 4470
Pessal, N., development of low-cost iron-base alloy to resist corrosion in hot sea water, 4401
Pesticides:
pesticide safety in your home, 3664
residues in food, control, industry guidelines, 4289
Pests, household, controlling, 3640
Petersen, John E., monetary restraint, borrowing, and capital spending by small local governments and State colleges, 4277
Petroleum:
production and processing occupations, employment outlook, 4584
products, survey (series), 4634–35
Petrology, *see* Rocks.
Pharmaceutical industry, *see* Drugs.
Pharmaceuticals, *see* Drugs.
Pharmacists, employment outlook, 4533
Pharmacology, research associate training program, National Institutes of Health, 4781
Philippines:
background notes, 4957
climatological mean probability of penetrable optical path for high intensity, high contrast optical targets, maps, 4221
sailing directions, change, 4823
Phosphates, nodules at base of Niobrara formation, east flank of Black Hills, S. Dak., stratigraphic significance and petrology, 4365
see also Silver phosphates.
Photocopying, equipment, industrial plant equipment handbook, 4124
Photographers, employment outlook, 4534
Photographic apparatus and supplies photographic equipment, industrial plant equipment handbook, 4124
Photographic laboratories, occupations, employment outlook, 4534
Photographs, catalog of copyright entries, 4114–15
Photography:
classification definitions, 4838
time-lapse cinephotography used for determining mitotic synchronization of L-strain fibroblasts with 5-aminouracil, 4744
Photons, neutron and photon attenuation through lithium hydride and tungsten spherical media, transport study, 4719
PHS, *see* Public Health Service.
Physical measurements, precision measurement and calibration, electricity, low frequency, 4763
Physical therapists, employment outlook, 4527
Physicians:
employment outlook, 4538
Public Health Service, CORD, commissioned officer residency deferment program, 4897
see also Osteopathic physicians.
Physicists, employment outlook, 4537
Physiological reactions, review of physiological measurement techniques for applicability to space flight conditions, 4686
Physiology, physiological measurement techniques for applicability to space flight conditions, review, 4686
Pickett, Ellis B., prototype measurements of hydro-power plant transients, Garrison and Oahe Dams, Missouri River, North and South Dakota, 4215
Pierce, Marie-Louise (Mary Louise), relief, 4038
Pierce County, Ga., soil survey report, 4943
Piersol, A. G., method for predicting launch vehicle vibration levels in region of spacecraft adaptor, 4665
Pigs, *see* Swine.
Pillage, riots, looting, and burning, subversive influences, hearings, 4005

Pilots and pilotage:
human transfer characteristics in flight and ground simulation for roll tracking task, 4734
measurement of pilot describing functions in single-controller multiloop tasks, 4669
yellow lenses in Air Force operations, 3701
see also Aviators.
Pine:
eastern white pine seed sources in Lake States, early growth, 4308
longleaf, annotated bibliography, 4331
Missouri pine plantation, fuel evaluation, released by aerial spraying, 4310
pruning of ponderosa pine, effect on growth, 4330
southern pine industry problems conference, 4098
Pinnacles National Monument, general information, 4805
Pipe and pipe fittings, pipe-arch culverts, hydraulic analysis, electronic computer program, 4905
Pipe fitters, employment outlook, 4535
Piracy, *see* Air piracy.
Piroplasmosis, equine, 1967 report, 3625
Placement, college placement officers, employment outlook, 4493
Planetary-interplanetary program, research problems in atmosphere entry and landing for manned planetary missions, 4714
Planets, planetary probe guidance accuracy influence factors for conjunction-class missions, 4701
Planning:
Army aviation facilities, technical manual, 3776
urban planner in health planning, 4902
Planting, home, by design, 3641
Plants:
ecology of arid basin Tres Alamos-Redington area south eastern Arizona, 4361
quarantine, import requirements, Germany, Federal Republic, 3629
see also names of plants.
Plants (industrial):
equipment handbook, photocopying and photographic equipment, 4124
tours for international visitors to U.S., 4995
Plasencia, Miguel A. Garcia, *see* Garcia, Miguel A.
Plasma, hydrogen, plasma components, including minor species, 4723
Plasterers, employment outlook, 4487
Plasticizers, production and sales, 4990
Plastics, greenhouse framing for plastic covering, farm building plan, 3657
Plates:
cones, etc., force-penetration characteristics of sand horizontally penetrated by, 4673
plates sealing incompressible liquid, 3746
Platforms (loading), *see* Artificial islands.
Plant, Thomas F.A., some major issues in developing community services for persons with drinking problems, 4898
Playgrounds, America's national forests, skiing, 3663
Plowshare program (civil, industrial, and scientific uses for nuclear explosives): reports, 3803–6
Plumbers, employment outlook, 4535
Pluto (planet):
theory of motion, 4757
Pocahontas, Ark.:
Black River, Town, and Mansker Creeks, floods, how to avoid damage, 4209
flood plain information, 4202
Pocket guides, Okinawa, 3732
Podiatry, *see* Chiropody.
Poisons:
indolylalkylamines as radioprotectants, 3713
toxic, and medicinal, fluorocarbon compounds, USSR study, 4449
Poland, capsule facts for Armed Forces, 3725
Police:
Air Force, operation of correction facilities, 3684
policemen and policewomen, employment outlook, 4508
Policemen, *see* Police.
Policewomen, *see* Police.
Political economy, *see* Economics.
Political scientists, employment outlook, 4552
Pollution of air, *see* Air pollution.
Ponderosa pine, *see* Pine.
Poor, HRD employability model, guidelines, 4196
Population:
current population reports—
population estimates, series, 3861
special studies, 3860
current survey reinterview program, 3863
States, estimates, 3861
see also Rural population.
Porous materials, nonsteady one dimensional compressible fluid flow through anisotropic porous media, 3745
Portela, Jose R., relief, 4020
Portugal, background notes, 4958
Position classification, *see* Job analysis.
Post Office and Civil Service Committee, House:
activities, 90th Congress, summary, 3998
committee prints, 3995–98
Post Office and Civil Service Committee, Senate, hearings, 4095A, 4095B
Post Office Department:
annual report—
departmental edition, 4852
document edition, 3952
mail transportation laws, revision requested by Postmaster General, 3996
poster, commemorative stamp, 4853
Postmaster General, nomination of Winton M. Blount, hearing, 4095B
Post offices:
directory, with ZIP code numbers, supplement, 4856
occupations, employment outlook, 4586
Postage stamps, commemorative, 6-cent American Legion (poster), 4853
Postal service:
employees, salary and retirement annuity increases, 3997
mail transportation laws, revision, 3996
plans for changing structure of postal service, etc. (address), 4851
see also Mail matter.
Posters, Post Office Department, commemorative stamps, 4853
Postmaster General, *see* Post Office Department.
Posts, poultry house, post and panel construction, farm building plan, 3652
Potassium, round robin analysis for oxygen in, evaluation of results, 4709
Potatoes:
controlling insects, 3636
spring, 1969 acreage marketing guides, 4102
Potential Visit USA outlets abroad, 4996
Poultry, house, post and panel construction, farm building plan, 3652
Poverty, war on poverty, examination, staff and consultants reports, 4092
Power:
Brayton-cycle space power application, 1-megawatt reactor design—
neutronics design, 4740
thermal analysis and core design, 4739
Power plants, acoustics, Army technical manual, 3777
see also Electric power plants.

Power truck operators, employment outlook, 4506
Prairie chicken, *see* Grouse.
Precipitation, *see* Rain.
Precision measurements, *see* Physical measurements.
Pregnancy, school continues for pregnant teenagers, 4185
Pre-Gondola Project, *see* Project Pre-Gondola II (Plowshare program).
Preparedness, *see* Civilian defense.
Preprimary enrollment of children under 6, etc., 4181
Pre-Schooner Project, *see* Project Pre-Schooner II (Plowshare program).
Prescriptions, drugs, coverage under title 18, social security act, findings of Health, Education, and Welfare Dept., 3966
Preservation of food, *see* Food.
President of United States:
economic report—
departmental edition, 4858
document edition, 3962
hearings, 3938
Messages, *see* in main alphabet, subject of message.
state of the Union message, 3951
Pressure:
adaptation of dogs to 60 and 90 mm. HG CO_2 at total pressure of 260 mm. HG, 3695
lateral, general instability of eccentrically stiffened cylindrical shells, 4687
prolonged reduced, effects on growth and nitrogen content of turnip, 3705
use of thermodynamic properties of metal-gas systems as reduced-pressure standards, 4683
Prestressing, *see* Strains and stresses.
Prices, Cabinet Committee on Price Stability, staff studies, 4863
see also names of commodities.
Primates, S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrates as radioprotectant in, 3716
Primitive areas, *see* Wilderness areas.
Printing, occupations, employment outlook, 4536
Prints, and pictorial illustrations, catalog of copyright entries, 4114–15
Prisons and prisoners, Air Force correction facilities, operation by security police, 3684
Prisons Bureau, basic data book, 4864
PRL, *see* Personnel Research Laboratory.
Probabilities (mathematics):
absorption rate sticking probabilities for oxygen on columbium and dilute columbium-zirconium alloys, errata, 4703
Ba I and II transition probabilities critically evaluated, 4769
predictive display systems, fundamental study, 4684
Probation:
pilot study of correctional training and manpower, 4928
volunteer programs, using volunteers in court settings, manual, 4931
Proceedings of National Museum, 4797
title page and contents, 4797
Processing of food, *see* names of foods processed.
Proctor, T. G., family of solutions of certain nonautonomous differential equations by series of exponential functions, 4689
Procurement, *see* Military supplies—*also* names of commodities procured.
Production:
food, and processing in USSR, 4448
national defense, report, 3982
research reports, 3668
see also names or classes of commodities.
Production painters, *see* Painters.
Products, *see* Commercial products.
Professional papers, Geological Survey, 4361–67
Professional workers:
pay, national survey, 4597
women in professional and technical positions, fact sheet, 5006
Professions:
education professions development act programs for 1969–70 institutes, summer, part-time academic year fellowships, 4167
health, educational improvement grants, 4883
Program aid series, 3663–66
Program analysis series, 4377–79
Program evaluation and review technique, PERT for CAA planning, programmed course of instruction, 4152–53
Programmed instruction, programmed course of instruction in PERT, 4152–53
Programmers, electronic computer, employment outlook, 4504
Programming (computers), *see* Electronic computers
Progress report, regional medical programs for heart disease, etc., 4891
Project Apollo (man-in-space program):
Apollo 8, man around the moon, 4692
Project Palanquin (Plowshare program):
close-in air blast from cratering nuclear detonation in rhyolite, 3804
preshot geophysical properties of Palanquin crater site, 3805
Project Pre-Gondola II (Plowshare program):
close in ground motion and earth stress, 3806
Project Pre-Schooner II (Plowshare program):
surface motion measurements, 3803
Project Skywater (atmospheric water resources program):
optimization of operational weather modification, conference proceedings, 4909
Promotional practices by public utilities and their effect upon small business, 3979
Propagation, fatigue-crack-propagation behavior in panels with simulated rivet forces, prediction, errata, 4699
Propellants:
precision flow measurement techniques for low-thrust auxiliary propulsion liquid rockets, 4700
theoretical nonequilibrium performance of oxygen difluolide-diborane, 4722
Propellers, aircraft, single, on large semispan tilting wing, etc., aerodynamic data, 4741
Property, *see* Real estate.
Proprioceptive systems, proprioceptive cues and their influence on operator systems in manual control, 4672
Protective equipment, see Safety equipment and appliances.
Protective shelters:
civil defense shelter rations, storage stability, annual report, 3759
fallout shelters, apartment houses, design techniques, 3871
Protons:
150-Mev proton, irradiation in rhesus monkeys, early effects, 3698
proton solar flare of 1522 UT, Aug. 28, 1966, sudden ionospheric disturbances, analysis, 4217
Proving rings, calibration procedures for load cells and proving rings as weighing devices, studies, 4766
Pruning, ponderosa pine, effect on growth, 4330
Psychiatry, psychiatric strengths and weaknesses of typical Air Force pilots, 3717
Psychics and the brain, USSR, 4450
Psychologists, employment outlook, 4540

Psychology:
psychics and the brain, USSR study, 4450
psychological and social aspects of human tissue transplantation, annotated bibliography, 4892
Psychotomimetic drugs, psychotomimetic agents, comparison of effects on some forms of mouse, rat, and dog behavior, USSR study, 4443
Public assistance, AB and APTD, aid to blind or disabled people, programs, 3787
Public contracts, *see* Government contracts.
Public Documents Division, price lists, 4865–68
Public Health Service:
CORD, commissioned officer residency deferment program, 4897
grants and awards, 1967 funds, summary tables and graphic highlights, 4894
health research facilities, construction program, Surgeon General's report, 3950
public advisory groups, authority, structure, functions, 4889
regulations on biological products, etc., 4873
Public lands, code of Federal regulations, 4274
Public relations, workers, employment outlook, 4474
Public Roads Bureau:
Federal-aid and allied highway programs, tables, 4255
program (series), 4905
Public schools, *see* Schools.
Public Service Commission of District of Columbia, annual report, 4148
Public utilities:
promotional practices, effect upon small business—
hearings, 4003
subcommittee report, 3979
Public welfare:
aid to blind or disabled people, AB and APTD programs, 3787
and statistics, 7th workshop meeting, methodology for today's tasks, proceedings, Aug. 27–30, 1967, San Francisco, Calif., 4932
from welfare to wages, work incentive program, 4467
Public works:
Economic Development Administration grants for public works and development facility projects, improvements needed in procedures for determining supplementary assistance, GAO report, 4340
Public Works Committee, Senate:
additional staff, provide, report, 4066
committee print, 4097
hearing, 4096
investigations and studies expenses, report, 4066
Publications, *see* names of departments, etc., issuing publications—*also* subjects.
Puerto Rico, northwestern, Aguada limestone, 4354
Puffett, Willard P., Reany Creek formation, Marquette County, Mich., 4353
Puget Sound, influence of design on exposed wood in buildings of area, 4302
Pulp, industry, employment outlook, 4585
Pumps, current industrial reports, 3854
Purchasing:
Government directory, 4926
requirements contracting and other aspects of small purchases in Defense Dept., GAO review, 4343
Purchasing agents:
buyers, pay, national survey, 4597
employment outlook, 4541
Puthoff, Richard L., reactivity changes of fast reactor core due to elastic-plastic strain and creep, 3738
Putman, William P., investigation of dynamic stability characteristics of quad configuration ducted propeller V/STOL model, 3782
Putzel, Henry, jr., United States reports, cases adjudged in Supreme Court, 4983
Pyorrhea, *see* Periodontal disease.
Pyrites, size distribution and coal-pyrite particle association in steam coals, correlation with removal by float-sink methods, 4650
Pyrotechnics, and products not elsewhere enumerated, trade and tariff information, summaries, 4988

Q

Quarantine, *see* subjects.
Quayle, R. G.:
climatological mean probability of penetrable optical path for high intensity, high contrast optical targets—
Africa, maps, 4220
Eurasia, maps, 4219
North America, maps, 4222
South and Central America, Caribbean area, Australia, etc., maps, 4221

R

Radar:
clutter attenuation analysis, 3737
detection of nonfluctuating targets in lognormal clutter, 4833
monopulse arrays with discrete elements, analysis and synthesis, 4216
Radial flow, *see* Flow.
Radiant flux, *see* Flux.
Radiation:
Bikini Atoll, May 1967, external radiation levels, 3798
characteristic of aperture-limited dominant beam mode of lens-type beam waveguide, 3740
external radiation levels on Bikini Atoll, May 1967, survey, 3798
food irradiation, AEC contractors' meeting, 3797
150-Mev proton irradiation in rhesus monkeys, early effects, 3698
protection, radioprotection with 2-(1 decylamino) ethanethiosulfuric acid in the rhesus monkey, 3709
solutions of blunt-body stagnation-region flows with nongray emission and absorption of radiation by time-asymptotic technique, 4755
x-irradiation at 200 rads per minute to whole body and trunk only, behavioral and circulatory responses, 3710
see also Alpha particles—Radioprotective agents.
Radiation detection instruments, *see* Scintillation counters.
Radiation doses, *see* Radiation.
Radiation exposure, *see* Radiation.
Radio broadcasting, occupations, employment outlook, 4587
see also Radio stations.
Radio communication, radio bridge, Earth-Moon-Earth, 4759
Radio frequency modulation, broadcasting stations of world, 4293
Radio ranges, maintenance of L/MF range equipment, 4248A
Radio service technicians, employment outlook, 4561
Radio stations:
broadcasting stations of world—
amplitude modulation—
indexed by country and city, 4291
indexed by frequency, 4292
frequency modulation, indexed by country, city, frequency, 4293
television, indexed by country, city, frequency, 4294

Radioactive isotopes, *see* Isotopes.
Radioactivity, fallout shelters, apartment buildings, design techniques, 3871
Radiobiologiya (periodical):
translation, 3789
Radiobiology:
behavioral and circulatory responses to x-irradiation at 200 rads per minute to whole body and trunk only, 3710
dose rate effect on LD 50/30 in mice exposed to cobalt-60 gamma irradiation, 3704
S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radio protectant in rodents and primates, 3716
USSR periodical translations, 3788–92
Radiochemical Analysis Section, activities, summary, 4767
Radiochemistry, silicon, 3800
Radioecology, Russian radioecology, bibliography of Soviet publications with citations of English translations and abstract, 3808
Radioisotopes, *see* Isotopes.
Radiological defense, planning and operations guide, 3870
Radioprotective agents:
idolylalkylamines as radioprotectants, 3713
S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radioprotectant in rodents and primates, 3716
Radium, New Jersey cases, epidemiological follow-up, progress report, 3802
Railroad Adjustment Board, *see* National Railroad Adjustment Board.
Railroad employee:
employment outlook, 4588
work rules and compensation programs, etc., joint labor-management improvement program, 4272
Railroads:
carload waybill statistics, 1966, State-to-State distribution, traffic and revenue, 4428
carriers, schedule of annual indices, revised pages, 4431
class 1, operating revenues and expenses, 4429
industry, operating practices, work rules, and employee compensation program, joint improvement program, report, 4272
Rain, nutrient cycling by throughfall and stemflow precipitation in 3 coastal Oregon forest types, 4326
Rainfall, *see* Rain.
Raised floor systems, 3778
Raleigh, N.C., area wage survey, 4601
Randhawa, Jagir S., relief, 4028
Range-management specialists, managers, conservation occupations, 4492
Ranges (radio), *see* Radio ranges.
Rann of Kutch, *see* India.
Rates, *see* Air carriers—Freight rates.
Rations, civil defense shelter rations, storage stability, annual report, 3759
Ratios of steady-state responses to various transient responses, both having equal maximum excitation levels, 4750
Rats, psychotomimetic agents, comparison of effects, USSR study, 4443
Raven, Peter H., revision of genus Camissonia (Onagraceae), 4795
REA, *see* Rural Electrification Administration.
Reactivity, changes of fast reactor core due to elastic-plastic strain and creep, 4738
Reactor fuels, sources of nuclear fuel, 3820
Reactors (atomic):
1-megawatt reactor design for Brayton-cycle space power application—
neutronics design, 4740
thermal analysis and core design, 4739
reactivity changes of fast reactor core due to elastic plastic strain and creep, 4738
Siemens and nuclear power stations with pressurized water reactors, 3793
Read before driving, 4774
Real estate:
agents and brokers, employment outlook, 4542
business, bibliography, 4925
procedural guide for acquisition of real property by governmental agencies, 4458
Real property, *see* Real estate.
Reany Creek formation, Marquette County, Mich., 4353
Receiving clerks, occupations, employment outlook, 4549
Receptionists, employment outlook, 4543
Reclamation Bureau:
engineering research progress report, 4910
research report, 4910
Reclamation of land, reclamation projects, directory, 4907
Reclamation projects, *see* Reclamation of land.
Recordkeeping requirements and guide to tax publications, 4416
Records, Government departments, etc., disposition, report, 3980
Recovery of hydrofluoric acid from waste, fluosilic acid, 4637
Recreation:
consumer information, publications, price list, 4868
national forest recreation in Nevada, guide, 4300
outdoor, grants-in-aid manual, 4836
Recreation workers, employment outlook, 4544
Recreational areas and demonstration projects, solid wastes demonstration grant projects, 1968, summaries, 4901
Recruiting and enlistment, Air Force, reasons for enlistment, 3675
Redevelopment (city planning, etc.):
book about space, 4904
science, the good urban witch (remarks), 4391
urban planning program guide, policies and procedures for Federal assistance under the urban planning program authorized by sec. 701 of the Housing act of 1954 as amended, 4392
urban renewal handbooks, 4384–86
Redington, Ariz., plant ecology of area, 4361
Reemployment rights, *see* Government officials and employees.
Reformatories, Air Force correction facilities, operation by security police, 3684
Refractory metals, *see* Metals.
Refrigerated storage warehouses, *see* Warehouses.
Refrigeration and refrigerating machinery:
equipment, current industrial reports, 3835
transit temperatures and modified atmospheres, effects on market value of lettuce, 3647
Refrigeration mechanics, *see* Mechanics (persons).
Refugees, and escapes, problems, investigation, authorization, report, 4064
Refuse, *see* Waste products.
Regeneration (biology):
effect of prolonged reduced pressure on growth and nitrogen content of turnip, 3705
Registers, microform masters, 4613
Regression (statistics):
study of human operator performance using regression analysis, 4676
Regulations, *see* Code of Federal regulations—*also* names of departments, etc., issuing regulations—*also* subjects.
Rehabilitation counselors, *see* Counselors.
Rehabilitation of criminals, probation/parole, pilot study of correctional training and manpower, 4928

Rehabilitation of the disabled:
communications media and social rehabilitation programs (address), 4927
vocational, information for persons disabled in military service, 5000
Reimbursement incentives for hospital and medical care, objectives and alternatives, 4939
Relays, *see* Electric relays.
Religions, religion in USSR discussed, 4434
Religious denominations, *see* Religions.
Remote sensing, earth resources, cooperative research in remote sensing for earth surveys, agreement with Brazil, 4972
Rendezvous (space):
time-optimal, computational method, 4742
Renegotiation, *see* Government contracts.
Renegotiation Board:
annual report, 4914
bulletins, 4915
renegotiation act of 1951, as amended, 4913
rulings, 4916
Repairmen, *see* Body and fender repairmen—Mechanics (persons).
Reporters and reporting, newspaper reporters, employment outlook, 4526
Reports, reports to be made to Congress, list, 3963
see also names of departments, etc., issuing reports—*also* subjects.
Republican Party, report, 90th Congress, 2d session, 4010
Requisitions:
MILSTRIP, military standard requisitioning and issue procedures, 4142
requisition fund codes, MILSTRIP, 4143
Research, research and development centers supported by Education Office, review, 4184
see also names of departments, etc., doing research—*also* subjects.
Research and development reports:
Army Electronics Command, Fort Monmouth, N.J., 3737–42
Atomic Energy Commission, 3788–3815
Research and statistics notes, 4938
Research notes, Forest Service, 4303–21
Research papers, Forest Service, 4322–31
Research reports:
Arms Control and Disarmament Agency, 3734
Cold Regions Research and Engineering Laboratory, 3744–46
Lake Survey, 4611
National Cancer Institute, 4784
National Commission on Urban Problems, 4860
Reclamation Bureau, 4910
Social Security Administration, 4939
Reserve components of Armed Forces, job rights, key answers for employers, etc., 5002
Reserve Officers Training Corps, Army:
manuals, 3774
step into your future, new 2 year Army ROTC program, 3775
Reservoirs, policies and practices for acquiring land for reservoir projects, Corps of Engineers (civil functions), GAO review, 4345
Residential construction, *see* Building.
Resins, ion exchange resins, improved Eluex process for eluting uranium from, 4648
Resor, Stanley H., nomination, hearing, 4072
Resource bulletins, Forest Service, 4332–35
Response functions, behavioral and circulatory responses to x-irradiation delivered at 200 rads per minute to whole body and trunk only, 3710
Responses, ratios of steady-state responses to various transient responses, both having equal maximum excitation levels, 4750
Restaurants, lunchrooms, etc.:
fair labor standards act, minimum wage, study of effects of $1.00 minimum, 1968 report, economic effects studies, 5003
occupations, employment outlook, 4589
Retail stores, *see* Stores.
Retail trade employee earnings and hours, 4593
Retina, retinal burn and flashblindness safe separation distances, calculation, 3707
Retirement, *see* Air Force—Civil Service pensions—Pensions.
Reukema, Donald L.
growth response of 35-year-old, site V Douglas fir to nitrogen fertilizer, 4317
Revillagigedo Island Traitors Cove, Alaska, oceanographic surveys, 3927
Revolutions in economic policy (address), 3906
Rewards (prizes, etc.):
urban development, intergovernmental awards program, 1967 honor awards, 4388
Reynolds number:
aerodynamic forces on stationary and oscillating cylinder at high Reynolds number, 4756
lubrication in turbulent regime, 3794
Reynolds number and boundary layer transition location, effects on shock-induced separation, 4731
Rhesus monkeys, *see* Monkeys.
Rhodesia:
Southern—
background notes, 4960
mineral industry, minerals yearbook chapter, 4627
Rhyolite, close-in air blast from cratering nuclear detonation in rhyolite, 3804
Richardson, Elliot L., nomination, hearing, 4079
Riley, R. L., development of ultrathin membranes, 4397
Riots:
guerrilla warfare advocates in U.S., report, 4004
looting, and burning, subversive influences, hearings, 4005
major riots and civil disorders, 1965–July 31, 1968, staff study, 4082
Miami, Fla., report, of Miami Study Team on Civil Disturbances, 4859
Rivas, Luis R., fishermen's atlas of monthly sea surface temperatures for Gulf of Mexico, 3918
Rivers:
flood control projects in Hawaii, on-site inspection report, 4097
interstate and international streams, use and control of waters, compacts, etc., 3946
invertebrates in streams, effects of lamprey larvicides on, 3926
Rivets, fatigue-crack-propagation behavior in panels with simulated rivet forces, predicton errata, 4699
Roads and highways:
book about space, joint development, 4904
Federal aid and allied highway programs, tables, 4255
highway safety—
design and operating practices, handbook, supplements, 4254
national standards—
project descriptions and significance to State programs, 4772
State projects initiated and conducted, resume, 4773
toll facilities in United States, 4906
Robbery, *see* Pillage.
Rock anchors, *see* Anchors.
Rock bolts, *see* Bolts and nuts.
Rock Island, Ill., area wage survey, 4603
Rocket launchers, aircraft, procurement, report, 3991

Rockets:
experiments, data catalog, 4760
flight and optimum design, investigation, 4753
liquid, low-thrust auxiliary-propulsion, precision flow measurement techniques, 4700
methane-fluorine-oxygen and butane-1-fluorine-oxygen rocket performance, nonequilibrium calculations, 4721
propellant, oxygen difluoride-diborane, theoretical nonequilibrium performance, 4722
Rocks:
petrology of phosphate nodules at base of Niobrara formation, east flank, Black Hills, S. Dak., 4365
rock anisotropy effects, near-surface horizontal stresses, 4645
uniaxial compressive strength, influence of spherical head size and specimen diameters, 4652
Rocky Mountain States, Mountain division, annual survey of manufactures 1966, statistics for States, standard metropolitan statistical areas, and large industrial counties, 3829
Rodents:
S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radioprotectant, 3716
Role of medicine for emergency preparedness, 4877
Role of social security in economic development, 4940
Roll, and yaw compensation feasibility study, 4661
Romania, *see* Rumania.
Rondy, Donald R., Great Lakes ice cover, winter 1967–68, basic data report, 4610
Roofers, employment outlook, 4550
Roofing, built up membranes, laboratory-field comparisons, 4768
Rosters, National Institutes of Health, members of public advisory groups, councils, committees, boards, study sections, 4786
Rostvedt, J. O., summary of floods in United States during 1963, 4371
ROTC, *see* Reserve Officers Training Corps, Army.
Roughness, *see* Surfaces.
Routemen, *see* Salesmen and salesmanship.
Rowe, A. J., evaluation of Goddard Research and Engineering Management Exercise simulation, 4685
Royster, Dick M., tensile properties and creep strength of 3 aluminum alloys exposed up to 25,000 hours at 200° to 400° F. (370° to 480°K), 4736
RSFSR, *see* Russian Soviet Federated Socialist Republic.
Rubber, nonrubber footwear, Tariff Commission report, 4986
Rules, *see* subjects.
Rules and Administration Committee, Senate, reports, 4048–67
Rumania:
capsule facts for Armed Forces, 3727
economy, basic data, 3897
Runways (aeronautics):
experimental snow runway pavement in Antartica, 3749
snow, design criteria, 3750
Rural Electrification Administration:
REA bulletin, 4918
statistical report, rural telephone borrowers, 4917
Rural housing, *see* Housing.
Rural population, people of rural America, 3862
Rural mail carriers, *see* Mail carriers.
Rural telephone program, *see* Telephone.
Russian radioecology, bibliography of Soviet publications with citations of English translations and abstracts, 3808
Russian Soviet Federated Socialist Republic, RSFSR economic plan, budget proposed for 1969, 4444
Rustavi, Georgian SSR, Mzhavanadze bestows honor on Rustavi Komsomol, 4453
Ryan, Michael J., batch-feeding studies on high-solids activated sludge for treating human waste, 3708
Ryan, Robert S., influential aspects of atmospheric disturbances on space vehicle design using statistical approaches for analysis, 4708

S

S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radioprotectant in rodents and primates, 3716
Sabo, Julius J., National Center for Radiological Health, research projects supported by grant funds, 4887
Safeguards and Materials Management Office, research and development for safeguards, 3814
Safety equipment and appliances, minimum security devices and procedures for Federal reserve banks and State member banks, 4279
Safety in the air, *see* Safety of life.
Safety of life:
air safety, collision avoidance, bibliography, 4231
artificial islands and fixed structures on outer continental shelf, rules and regulations, 3889
fire safety measures for aircraft fuel systems, conference report, 4288
Government-industry system safety conference, 4659
highway safety—
design and operating practices, handbook, supplement, 4254
national standards—
project descriptions and significance to State programs, 4772
State projects initiated and conducted, resume, 4773
pesticide safety in your home, 3664
publications, price list, 4866, 4868
read before driving, safety driving practices, booklet, 4774
road checks, motor carriers of property, 4657
safe operation of particle accelerators, recommendations, 4884
safeguards, nuclear materials, research and development, 3814
Sailing directions:
Australia, southeast coast, change, 4821
Greenland, west coast, 4819
Java, Lesser Sundas, south, southeast, and east coasts of Borneo and Celebes, 4820
Pacific Islands, change, 4822
Philippine Islands, change, 4823
St. Francis River:
flood control, engineers report—
departmental edition, 4212
document edition, 3947
St. George, R. A., subterranean termites, their prevention and control in buildings, 3638
Salaries:
and selected characteristics of U.S. scientists, 4816
Federal classified and postal employees, increases, 3997
professional, administrative, technical, and clerical pay, national survey, 4597
salary reform for top officials of legislative, judicial, and executive branches, recommendations, message from the President, 3971

334-546—69—No. 890——11

Sales:
automobile occupations, employment outlook, 4478
Government directory, 4926
see also names of commodities, etc.
Salesmen and salesmanship:
employment outlook—
automobile salesman, 4478
real estate agents,
retail stores, wholesale trade, manufacturers', 4546
routemen, 4500
securities salesmen, 4548
selling in Netherlands, 3898
Salespeople, *see* Salesmen and salesmanship.
Saleswomen, *see* Salesmen and salesmanship.
Salicylates, chronic administration, effects, proceedings of conference, 4782
Saliga, Thomas V., comparison of sequential decoding metrics by computer simulation, 471
Saliva, parotid fluid, specific gravity, 3699
Salt, molten salt electrolysis, use for beneficiation of ferrochromium, 4647
SAM, *see* School of Aerospace Medicine.
Sampling (statistics):
deer browse production, rapid sampling and computer-aided analysis, 4312
Samuels, Howard J., black capitalism in ghetto, 4194
Sand, horizontally penetrated by plates, cones, and spherical segments, force-penetration characteristics of, 4673
Sanders, William A., high-temperature mechanical properties of polycrystalline hafnium carbide and hafnium carbide containing 13-volume-percent hafnium diboride, 4735
Sanders, track, classification definitions, 4847
Sandford, Maynard C., wind-tunnel study of deflected-elevator flutter encountered on t-tail airplane, 4746
San Francisco, Calif., intergovernmental problems in medicaid, ACIR hearing, 3615
San Francisco Bay, air quality control region, report for consultation on area, 4896
San Isabel National Forest, administration, management, and use, evaluation and effects of Fryingpan-Arkansas project, impact survey report, 4301
Sanitarians, employment outlook, 4547
Sanitation:
batch-feeding studies on high solids activated sludge for treating human waste, 3708
guidelines for breaded-shrimp industry, 3921
Santa Fe, New Mex.:
Arroyo de los Chamisos and Arroyo Hondo floods, how to avoid damage, 4210
flood plain information, 4201
Sarcomas, *see* Tumors.
Satellites:
applications to marine geodesy, 4674
experiments, data catalog, 4760
Nimbus II flight evaluation and engineering report, through orbit 5275, 4702
Savings bonds, series E, general information, department circular, supplement, 4992
Savitt, Harry L., health insurance for aged under social security, number of persons insured, 4936
Sawflies, *see* Flies.
Sawlogs, *see* Logs.
Sawmills, Indiana sawmills receive 232 million board feet of saw logs in 1966, 4314
Scabies, sheep and cattle scabies eradication, cooperative State-Federal program, report, 3623
Scale:
control with graphite heat-transfer tubes of controlled permeability to steam, phase 2, 4402
surface potential effect on scale formation, 4400
Scales (electronics):
calibration procedures for load cells and proving rings as weighing devices, studies, 4766
Scales (weighing instruments):
movable pen for truck platform scale, farm building plan, 3653
Schaeffer, R. E., gluing fire-retardant-treated Douglas-fir and western hemlock, 4304
Schaffer, E. L., simplified test for adhesive behavior in wood sections exposed to fire, 4305
Schalock, H. Del, competency based, field centered, systems approach to elementary teacher education, 4163
Schedule of annual indices for carriers by railroad, 4431
Scheier, Ivan H., using volunteers in court settings, manual for volunteer probation programs, 4931
Schein, Edward W., influence of design on exposed wood in buildings of Puget Sound area, 4302
Schlieren system, optical system for recording schlieren images, with a continuous-writing ultra-high-speed framing camera, 4718
Schnittker, John A., address, Oct. 23, 1968, 3631
School continues for pregnant teenagers, 4185
School lunches, food cost control, school breakfast program, 4105
School of Aerospace Medicine, technical reports, 3691–3717
Schools:
making the scene in jobs, school, training, through Neighborhood Youth Corps, 4464
pilot, Federal aviation regulations, change, 4242
preprimary enrollment of children under 6, description of survey, 4181
public, bond sales, 4162
see also School lunches.
Schrader, E. R., superconductive magnet system, 14-tesla, 15-cm-bore, 4677
Schumm, S. A., river adjustment to altered hydrologic regimen, Murrumbidgee River and Paleochannels, Australia, 4366
Schweitzer, Dennis L., computer program to evaluate timber production investments under uncertainty, 4311
Schwering, F., radiation characteristic of aperture-limited dominant beam mode of lens-type beam waveguide, 3740
Science:
Academy of Sciences, Uzbek SSR, foundation and development related, 4447
advancement of science through national program of institutional grants to colleges and universities, study, 4000
baccalaureate sources of science and engineering manpower, 4815
cold regions science and engineering, 3751
exhibits, experimentally oriented, Lawrence Hall of Science, 3811
improving environment in HEW programs, Career Service Board for Science report, 4375
policy issues, review and forecast, 4002
pollution abatement, report, 3999
reviews of data on resources, 4815–16
science and society, bibliography, 3809
science, the good urban witch (remarks), 4391
to improve secondary school science and mathematics teaching, history of National Science Foundations programs, 4812
see also names of sciences.
Science and Astronautics Committee, House:
committee prints, 3999–4000, 4002
hearings, 4001

Scientific research:
Air Force research, bibliography, 3674
medical benefits from space research, 4691
Scientists:
biological, employment outlook, 4480
earth, employment outlook, 4501
education through national program of institutional grants to colleges and universities, study, 4000
employment in United States, 4810
U.S., salaries and selected characteristics, 4816
Scintillation counters, absolute measurement of alpha emission and spontaneous fission, 3801
Scranton, Pa., area wage survey, 4600
Scranton quadrangle, Ark., geology 4363
SDL, *see* Space Disturbances Laboratory.
Sea, *see* Ocean.
Sea water, hot, development of low-cost iron-base alloy to resist corrosion, 4401
Seaborg, Glenn T.:
lectures—
Jan. 29, 1969, 3817
Jan. 30, 1969, 3818
Sealing, plates sealing an incompressible liquid, 3746
Seamans, Robert C., jr., nomination, hearings, 4072
Sebok, Gyorgy, relief, 4030
Secondary education:
free public elementary and secondary education, 1966–67, current expenditures by local educational agencies, 4164
human investment programs, 4378
Secondary schools, *see* High schools.
Secretaries, employment outlook, 4556
Securities, securities salesmen, employment outlook, 4548
Securities and Exchange Commission:
general rules and regulations under securities exchange act of 1934, 4921
report, 1968—
departmental edition, 4920
document edition, 3960
Securities exchanges, act of 1934, general rules and regulations, 4921
Seeding, *see* Forest planting.
Seedlings, *see* names of plants or trees.
Seeds:
eastern white pine seed sources in Lake States, early growth, 4308
potential damage to forest tree seed processing, protective treatment, and dissemination, 4319
Seiden, Jacob, OAR 1968 progress, 3689
Seismic waves, *see* Tsunami (tidal wave).
Seismology, *see* Earthquakes.
Self-employment, *See* Employment.
Selling, *see* Salesmen and salesmanship.
Senate:
invitations from foreign governments, etc., President of Senate to respond, report, 4067
journal, 90th Cong., 2d sess., 4007
Senate documents, 4008–4011
Senate reports, private bills, 4012–45
Sensitivity, sensitivity of the creep-rupture properties of nickel-base superalloy sheet, etc., 4679
Sensors, beads, wires, and films as rocket-sonde temperature sensors in mesosphere, theoretical comparison, 4688
Sentinel anti-ballistic-missile system, *see* Missiles.
Separation (military):
physical evaluation for retention, retirement, and separation, Air Force Manual, 3678
Separation processes:
eluting uranium from ion exchange resins with improved Eluex process, 4648
Separation processes—Continued
shock induced effects of Reynolds number and boundarylayer transition location, preliminary study, 4731
Serial set (congressional), 3933–35
Serials, Soviet series, half century, 1917–68, published in USSR, list, 4612
Servants, employment outlook, 4513
Service-station-attendants, employment outlook, 4478
Servicemen, *see* Mechanics (persons).
Setup men, *see* Job setters (machine shop).
Sewage:
agricultural utilization of sewage effluent and sludge, bibliography, 4287
batch-feeding studies on high-solids activated sludge for treating concentrated human waste, 3708
microbiologic studies of activated sludge process for recycling of human wastes, 3696
waste disposal, New York Bight, preliminary investigation, 4890
Sewerage, *see* Sewage.
Shad, American, general information, 3924
Shade trees, *see* Trees.
Shakespeare, Frank J., Jr., nomination, hearing, 4080
Shands, W. A., controlling potato insects, 3636
Shannon, Ira L., saliva specific gravity, 3699
Shaw, Byron T., analysis of agricultural research in relation to increasing demand for agricultural products, 3668
Shear (mechanics):
diffusion law for dispersion of hard particles in ice matrix that undergoes simple shear deformation, 3744
strain properties to 10–10 of selected optical materials, 4675
Sheep and cattle scabies eradication, cooperative State-Federal program, report, 3623
Sheet metal, nickel-base superalloy sheet, sensitivity of the creep-rupture properties to sharpedge-notches in temperature range of 1000°–1400° F., 4679
Sheet metal workers, employment outlook, 4550
Shekarchi, E.:
mineral industry of Southern Rhodesia, 4627
mineral industry of Zambia, 4631
Shellfish:
Louisiana landings, 3911
Massachusetts landings, by gear and subarea, 3913
North Carolina landings, 3912
Shells (aircraft):
orthotropic thin shells of revolution having general meridional curvature, method for computation of vibration modes and frequencies, 4710
Shells (structural):
eccentrically stiffened cylindrical shells under axial compression and lateral pressure, general instability, 4687
shell structures, and centrifugally stabilized disk structures, equilibrium and free vibration problems associated with, errata, 4660
Shelters (protective), *see* Protective shelters.
Shillito, Barry J., nomination, hearing, 4070
Ship Structure Committee, serial no. SSC, 4922
Shipments, selected electronic components 1960–67, consolidated tabulation, 3827
see also names of articles shipped.
Shipping, laws relating to, compilation, 3943
see also Merchant marine.
Shipping Clerks, occupations, employment outlook, 4549

Shipping conferences and containerization (remarks), 4259
Ships, maritime matters, deployment of U.S.S. *Everglades* to Malta, agreement, 4971
Ships cooks, *see* Cooks.
Shock (mechanical):
shock and vibration bulletin, 4144–45
Shock tunnels, nonequilibrium air streams in the Ames 1-foot shock tunnel, analysis, 4717
Shock waves:
momentum diffusion between 2 supersonic airstreams in presence, preliminary investigation, 4712
shock precursor heating on radiative flux to blunt bodies, effect, 4680
Shoe repairmen, employment outlook, 4551
Shooting, marksmanship, ROTC manual, change, 3774
Shore, Charles P., effect of structural damping on flutter of stressed panels, 4720
Shrimp, breaded, industry, sanitation guidelines, 3921
Shrinkage and footage loss from drying 4/4-inch hard maple lumber, 4324
Shultz, George P., nomination, hearing, 4095
Siemens Aktiengesellschaft, Siemens and nuclear power stations with pressurized water reactors, 3793
Signals, *see* Radar.
Silanes, *see* Tetraethoxysilane.
Silicon, radiochemistry, 3800
Silicon oxide, pyrolytic decomposition studies of tetraethoxysilane for obtaining high-grade SiO_2 films, 3739
Silver phosphate, glass microdosimeters, effects of laboratory reprocessing, 3703
Simplified test for adhesive behavior in wood sections exposed to fire, 4305
Simulation:
Godddard Research and Engineering Management Exercise, evaluation, 4685
ground, and flight, hyman transfer characteristics for roll tracking task, 4734
Simulators, lunar gravity, 4667–68
Singleton, Arthur L., Jr., sources of nuclear fuel, 3820
Singleton, Eben L., electrowinning aluminum from aluminum chloride, operation of 2-compartment cell, 4636
Sites, selection, for Sentinel anti-ballistic-missile system, briefing, 3983
Siu, Kenneth, relief, 4035
Skiing, *see* Skis and skiing.
Skilled trades, *see* Occupations.
Skilled workers, *see* Labor.
Skis and skiing, national forests, America's playgrounds, 3663
Skywater project, *see* Project Skywater (atmospheric water resources program).
Slaby, Jack G., heat-transfer coefficients for hydrogen flowing through parallel hexagonal passages at surface temperatures to 2275 K, 4706
Slag:
production of nominal slag compositions, 4651
titaniferous, liquidus temperatures, 4651
Slate, Carolina slate belt, Albemarle Group, stratigraphy, 4352
Sludge, *see* Sewage.
SM series, 3870
Small business, *see* Business.
Small Business Administration:
black capitalism in the ghetto, backed by SBA and Labor Department, 4194
lease guarantee program, staff review and analysis, 4073
Small Business, Select Committee on, House:
hearings, 4003
report, 3978
subcommittee report, 3979
Small Business, Select Committee on, Senate:
committee print, 4098
hearings, 4100–1
Smelting, electrorefined vanadium, some strain-aging effects, 4643
Smits, Rudolf, half century of Soviet serials 1917–68, bibliography and union list of serials published in USSR, 4612
Smoke, smoke operations, Army field manual, change, 3753
Smoke generators, chemical smoke generator units, Army field manual, change, 3753
Smoking, facts on smoking, tobacco, and health, 4880
Snow:
experimental snow runway pavement in Antarctica, 3749
Federal-State-private cooperative surveys, western United States, including Columbia River drainage in Canada, 4942
methods of building on permanent snow fields, 3751
nonsteady one dimensional compressible fluid flow through anisotropic porous media, 3745
runways, design criteria, 3750
Snyder, Hue Kim, *see* Nguyen, Van Hue.
Social sciences and mental retardation, family components, 4787
Social scientists, employment outlook, 4552
Social security:
act, drugs, coverage under title 18, findings of Health, Education and Welfare Dept., 3966
amendments of 1967, cost standards of drugs, findings of Health, Education, and Welfare Dept., 3967
health insurance for aged, July 1, 1967, number insured, 4936
program, fiscal impact, 4938
protection, relating to Federal civil service, report, 4937
publications, price list, 4866
research and statistics notes, 4938
role in economic development, 4940
self-employed people reporting their income, special information, 4941
Social Security Administration, research reports, 4939
Social work and problems:
effective patterns of services to unmarried parents (speech), 3865
national trends in services to unmarried persons (speech), 3866
responsibility to care (address), 4930
social service representative, examination announcement, 3886
see also Public welfare.
Social workers:
employment outlook, 4553
examination announcement, 3886
Society, science, and society, bibliography, 3809
Sociologists, employment outlook, 4552
Sociology, mathematics role in, USSR study, 4433
Sodium, round robin analysis for oxygen in, evaluation of results, 4709
Soils:
agriculture-related pollution control, report, 3634
soil moisture tension variation on cutovers in southwestern Oregon, 4327
soil survey reports—
Pierce County, Ga., 4943
Westmoreland County, Pa., 4944
topography and soil relations for white and black oak in southern Indiana, 4325
treatment, aid in termite control, 3642
Solar energy, solar distillation development program, of Spain, technical cooperation, 4403
Solar flares, ionospheric disturbances associated with proto flare 1522 UT, Aug. 2, 1966, analysis, 4217

Solar system, abbreviated calendar record, 1966–67 activity and events, 4225
Solid wastes, *see* Waste products.
Solids, solid material comminution or disintegration, classification definitions, 4842
Solino, Francisco R. Fabre, *see* Fabre, Frank R. S.
Somalia, French Territory of Afars and Issas boundary study, 4965
Sonic boom, variability in sonic-boom signatures measured along 8000 foot linear array, 4747
Soon-Hie Cho Young, *see* Young, Soon-Hie Cho.
Sorcery, *see* Witchcraft.
Sound, power plant acoustics, Army technical manual, 3777
South (U.S.):
  changing patterns of U.S. trade in nonagricultural products and impact on Southern economy (remarks), 4422
South Africa, Swaziland, background notes, 4950
South America, climatological mean probability of penetrable optical path for high intensity, high contrast optical targets, maps, 4221
South Atlantic States, *see* Atlantic States.
South Dakota, hydro-power plant transients, prototype measurements, 4215
South Fork Forked Deer River:
  flood plain information, 4205
  floods in Henderson, Tenn., how to avoid damage, 4208
South Platte division, *see* Missouri River Basin project.
Southern pine, *see* Pine.
Southern Rhodesia, *see* Rhodesia.
Soviet Union, *see* Union of Soviet Socialist Republics.
SP series, *see* NASA SP series.
Space, urban space problems, book, 4904
  see also Outer space.
Space communications, radio bridge, Earth-Moon-Earth, 4759
Space Disturbances Laboratory, ESSA technical report, ERL–SDL series, 4217
Space flights, *see* Astronautics.
Space vehicles, *see* Spacecraft.
Spacecraft:
  aerospace applications, effects of prolonged reduced pressure on growth of turnip, 3705
  analytical procedure for optimizing television systems for planetary descent missions, 4748
  Apollo 8, man around the moon, 4692
  atmospheric disturbances on space vehicle design using statistical approaches for analysis, influential aspects, 4708
  manned planetary missions, research problems in atmosphere entry and landing, 4714
  manufacturing occupations, employment outlook, 4568
  method for predicting launch vehicle vibration levels in region of spacecraft adaptor, 4665
  storage-dispenser device for food cubes aboard space vehicles, 3694
Spain:
  economy, basic data, 3900
  solar distillation development program, technical cooperation, 4403
Special studies for incinerators for government of District of Columbia, 4899
Specific gravity, saliva, 3699
Specifications, *see* Government supplies—*also* subjects.
Spectra, tables of bias functions, B_1 and B_2, for variances based on finite samples of processes with power law spectral densities, 4765
Spectrometry, homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of W–20 percent Mo alloy, etc., 4762
Spheres:
  influence of spherical head size and specimen diameters on uniaxial compressive strength of rocks, 4652
  spherical segments, etc., force-penetration characteristics of sand horozontally penetrated by, 4673
Sponagle, Charles E., summaries, solid wastes demonstration grant projects, 1968, for grants awarded during June 1, 1966–Dec. 31, 1967, period, 4901
Sport Fisheries and Wildlife Bureau, refuge leaflets, 4946–47
Sprinklers, pipe trailer, farm building plan, 3661
Spruce, spruce budworm tolerance to malathion, 4321
SSI series, 4941
Stability:
  centrifugally stabilized disk and shell structures, some equilibrium and free vibration problems associated with, errata, 4660
  thin liquid film adjacent to high-speed gas stream analysis, 4713
Stability of aircraft:
  dynamic, guad configuration, ducted-propeller V/STOL model, lateral/directional dynamics at high duct incidences, 3782
  large-scale wind-tunnel investigation to improve low-speed longitudinal stability at high lift of supersonic transport with variable-sweepwings, 4733
  static longitudinal and lateral characteristics of a light twin-engine airplane, full-scale wind tunnel investigation, 4716
Stabilization, stabilization policy and employment (paper), 4282
Staffanson, Forrest L., theoretical comparison of beads, wires and films as rocketsonde temperature sensors in mesosphere, 4688
Stafford, George M., remarks, Apr. 30, 1968, 4430
Stamps, *see* Food stamps.
Stamps that make the difference (address), 3669
Standards and standardization:
  Federal standards, 4284–85
  military standards, 4132–37
  MILSCAP, military standard contract administration procedures, 4138–39
  standard reference materials, homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of W–20 percent Mo alloy fabricated by powder metallurgical methods, 4762
  see also subjects.
Stannous fluoride, mouthwash study, 3697
Stapleford, Robert L., measurement of pilot describing functions in single-controller multiloop tasks, 4669
State, Albert R., NETVSL, computer program for calculation of tree volumes with interior defect, 4323
State Department:
  background notes, 4948–61
  messengers, clerk, assignment, Washington, D.C., 4968
  Under Secretary for Political Affairs, nomination of U. Alexis Johnson, hearings, 4081
  Under Secertary, nomination of Elliot L. Richardson, hearing, 4079
State of the Union, *see* United States.
State Technical Assistance Agencies, war on poverty, examination, case studies, 4092

State Technical Services Office, annual report, 3892
Statements, *see* Addresses, lectures, etc.
States:
air quality data from national air surveillance networks, 4871
health authorities, 1968 directory, 4876
labor legislation, annual digest, 4468
national highway safety standards—outstanding examples of specific projects, descriptions, etc., 4772
projects initiated and conducted, resumé, 4773
toll facilities, 4906
Static inverters, *see* Inverters.
Stationary engineers, employment outlook, 4555
Stationary firemen, employment outlook, 4555
Statistical publications, *see* names of departments, etc., issuing publications.
Statistical Reporting Service, periodic reports, list, 3667
Statisticians, employment outlook, 4521
Statistics, *see* subjects.
Steam, steam coals, pyrite, size distribution and coal-pyrite particle association, 4650
Steam-electric plants, *see* Electric power plants.
Stearns, Forest W., deer browse production, rapid sampling and computer-aided analysis, 4312
Stearns, Ronald T., preshot geophysical properties of Palanquin crater site, 3805
Steel:
industry, employment outlook, 4582
maraging, 18-percent nickel, metallurgy, behavior, and application, 4697
notch brittleness after prestraining, 4922
scrap, removal of copper by thermal treatment, 4640
see also names of manufactured articles.
Stein, Herbert, nomination, hearing, 4074
Stenographers, employment outlook, 4556
Stewart, J. K., effects of transit temperatures and modified atmospheres on market quality of lettuce shipped in nitrogen-refrigerated and mechanically refrigerated trailers, 3647
Stipp, Henry E., mineral industry of other areas of Africa, 4625
Stock catalogs, *see* Catalogs.
Stone, Ralph W., Jr., potential problems related to weightlessness and artificial gravity, 4715
Stonemasons, *see* Masons.
Stoner, Howard T., soil survey of Pierce County, Ga., 4943
Storage, stability of civil defense shelter rations, annual report, 3769
see also names or classes of articles stored.
Stores, retail, salesmen and saleswomen, employment outlook, 4546
Stork, Emmett J.:
indolylalkylamines as radioprotectants, 3713
S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radioprotectant in rodents and primates, 3716
Stoves and furnaces, classification definitions, 4839
Strains and stresses:
close in ground motion and earth stress, 3806
elastic-plastic strain and creep, effects on reactivity changes of fast reactor core, 4738
fatigue-crack-propagation behavior in panels with simulated rivet forces, prediction, errata, 4699
near-surface horizontal stresses including effects of rock anisotropy, 4645
notch brittleness after prestraining, 4922
shear strain properties to 10–10 of selected optical materials, 4675
Strains and stresses—Continued
strain-aging effects in electrorefined vanadium, 4643
stressed panels, effects of structural damping on flutter, 4720
structural lumber, nondestructive parameters for prediction of strength, 4322
structural synthesis of ablating thermostructural panel, 4662
tensile properties and creep strength of 3 aluminum alloys exposed, etc., 4736
Strategy, *see* Military art and science—Naval art and science.
Stratigraphy:
Albemarle Group of Carolina slate belt in central North Carolina, 4352
contributions to stratigraphy (series), 4352–54
stratigraphic significance and petrology of phosphate nodules at base of Niobrara formation, east flank, Black Hills, S. Dak., 4365
Streams, *see* Rivers.
Strength of materials, strength of structural lumber, some nondestructive parameters for prediction of, 4322
Stresses (mechanical), *see* Strains and stresses.
Strokes, regional medical programs, progress report, 4891
Stromquist, Arvid A., stratigraphy of Albemarle group of Carolina slate belt in central North Carolina, 4352
Structural engineering, *see* Building.
Structural synthesis of ablating thermostructural panel, 4662
Structures, *see* Strains and stresses.
Students:
1965–66 financial aid, 4170
student manual, SM series, 3870
Suarez-Diaz, Jose C., relief, 4025
Sublette County, Wyo., geology of Oregon Buttes area, 4348
Submarine boats, submarine in United States Navy, 4825
Sugar Creek:
flood plain information, 4205
floods in Henderson, Tenn., how to avoid damage, 4208
Sugar maple, *see* Maple.
Sugarcane, variety tests in Florida, 1967–68 season, 3620
Suits, men's and boys', industrial wage survey, 4594
Sulfur oxides, air pollutants, control techniques, 4886
Sulfuric acid, 2-(1 decylamino) ethanethiosulfuric acid, radioprotection in the rhesus monkey, 3709
Sun, Great Lakes solar altitude charts and tables, 4611
Sundaram, P. M., syncope among aircrew, evaluated at USAF School of Aerospace Medicine, 3692
Sunspots, *see* Solar flares.
Superalloys, *see* Alloys.
Superconductivity, superconductive magnet system, 14-tesla, 15-cm-bore, 4677
Supersonic aircraft, *see* Aircraft.
Supplies, *see* Government supplies.
Supreme Court:
cases adjudged, United States reports, 4983
salary reform for top officials, recommendations, message from the President, 3971
Surface mining, *see* Mines and mining.
Surfaces:
boundary effects of uniform size roughness elements in two-dimensional flow in open channels, 4214
roughness drag due to two-dimensional fabrication-type surface roughness on ogive cylinder from force tests at transonic speeds, 4732

Surfaces—Continued
scale formation, effect of surface potential, 4400
Surfacing materials, guide for fastening in rehabilitation operations, 4257
Surgeon General, Public Health Service, *see* Public Health Service.
Surgeons:
flight, aerospace medicine, guide, 3685
Navy flight surgeon, who, what, why, where, when, 4617
Surveyors, employment outlook, 4558
Survival, human, in aircraft emergencies, 4678
Swaziland, *see* South Africa.
Sweden:
capsule facts for Armed Forces, 3726
market for industrial heating equipment in Sweden, 1961–67, 3894
Sweetwater County, Wyo., geology of Oregon Buttes area, 4348
Swimming suits, *see* Bathing suits.
Swine:
farrowing and growing building, farm building plan, 3655
farrowing house, farm building plan, 3660
hogs and pigs, 4982
production, methods, problems, etc., 3635
Switchboards, apparatus, current industrial reports, 3857
Switches, *see* Electric switchgear.
Switzer, Mary E.:
addresses—
Apr. 28, 1968, 4929
June 15, 1968, 4930
Sept. 17, 1968, 4927
Symposiums:
current status in medical practice, proceedings, 3795
environmental measurements, valid data and logical interpretation, symposium, 4878
Syncope, among aircrew, evaluated at USAF School of Aerospace Medicine, 3692
Synthesis, structural, of ablating thermostructural panel, 4662.
Synthetic organic chemicals, *see* Organic compounds.
Synthetic woven goods, *see* Textiles.
Systematic jointing in western part of anthracite region of eastern Pennsylvania, 4351
Systems, bioinstrumentation, NASA contributions, survey, 4698
see also names or types of systems, e.g. Schlieren system.
Syvertson, C. A., research problems in atmosphere entry and landing for manned planetary missions, 4714

T

Tables (mathematics), *see* Mathematics.
Tabulation, consolidated, shipments of selected electronic components, 3827
Tankers, fire fighting manual, 3888
Tanzania, capsules facts for Armed Forces, 3728
Tape, Gerald F., remarks, Feb. 6, 1969, 3816
Targets:
climatological mean probability of penetrable optical path for high intensity, high contrast optical targets—
Africa, maps, 4220
Eurasia, maps, 4219
North America, maps, 4222
South and Central America, Carribbean area, Australia, etc., maps, 4221
nonfluctuating detection in log-normal clutter, 4833
use of yellow lenses in Air Force operations, 3701
Tariff:
customs cases adjudged, 4119
emergency laws of 1921, with amendments, compilation, 3940
summaries of trade and tariff information, 4987–88
see also names of classes of articles imported or exported.
Tariff Commission:
members nomination of—
Leonard, Will E., Jr., hearing, 4077
Newsom, Herschel D., hearing, 4077
Tarrant, Robert F., nutrient cycling by throughfall and stemflow precipitation in 3 coastal Oregon forest types, 4326
Task Force on Prescription Drugs:
background papers, drug makers and distributors, 4380
coverage of drugs under medicare, interim report, 4381
Tax guide for small business, 4418
Tax information on deductions for homeowners, 4419
Tax information on mutual fund distributions, 4420
Tax reform studies and proposals, Treasury Department, 4006
Taxation:
career opportunities, IRS, 4406
mutual fund distributions, tax information, 4420
recordkeeping requirements, 4416
self-employed individuals, retirement plans, 4417
small business, 1969 tax guide, 4418
tax publications, guide, 4416
tax reform studies and proposals, Treasury Department, 4006
see also Income tax.
Taxes, *see* Taxation.
Taxicab drivers, employment outlook, taxi drivers, 4500
Taylor, David C., soil survey, Westmoreland County, Pa., 4944
Teachers:
elementary—
competency based, field centered, systems approach to education, 4163
Georgia educational model specifications for preparation, 4172
employment outlook, 4559
Technical bulletins, Agriculture Department, 3673
Technical education:
job opportunities that may be open to applicants, technical institute, or other specialized training usually required, 4609
technical education program series, 4178
Technical manuals, Army Department, 3776–81
Technical memorandums, Coastal Engineering Research Center, 4198
Technical notes:
National Aeronautics and Space Administration, 4699–4750
National Bureau of Standards, 4765–69
Technical papers, Census Bureau, 3863
Technical record of design and construction, Merritt Dam, 4911
Technical reports:
Air Force Human Resources Laboratory, 3675–77
Air Weather Service, 3688
Army Aviation Materiel Laboratories, 3782–85
Civil Defense Office, 3871
Cold Regions Research and Engineering Laboratory, 3747–50
Environmental Science Services Administration, 4216–17
Natick Laboratories, 3757–62
National Aeronautics and Space Administration, 4751–56

Technical reports—Continued
Naval Oceanographic Office, 4824
Personnel Research Laboratory, 3690
School of Aerospace Medicine, 3691–3717
Waterways Experiment Station, 4215
Technical translations, National Aeronautics and Space Administration, 4757–59
Technicians:
engineering and science, employment outlook, 4560
engineering, pay, national survey, 4597
women in technical positions, fact sheet, 5006
see also X-ray technicians.
Technologists, *see* Medical technologists.
Technology:
new technology and American economy, report, 3891
policy issues, review and forecast, 4002
pollution abatement, report, 3999
see also subjects.
Teenagers, *see* Youth.
Teeth, ascorbic acid supplementation effect on tooth mobility, 3711
see also Dentistry.
Teilichispira, new Early Ordovician gastropod genus, 4367
Telecommunication, *see* special method of communication.
Telephone:
directly, Atomic Energy Commission, 3819
occupations, employment outlook, 4590
rural program, statistical report, 4917
Television:
broadcasting, occupations, employment outlook, 4587
broadcasting stations of world—
amplitude modulation—
indexed by country and city, 4291
indexed by frequency, 4292
indexed by country, city, frequency, 4294
Martian experiment, requirements for three point-mass descent trajectories, 4749
systems for planetary descent missions, analytical procedure for optimizing, 4748
Television service technicians, employment outlook, 4561
Temperature:
advanced high temperature combustor research for small gas turbine engines, final report, 3783
error analysis of input-noise-temperature measurements of low-noise amplifiers, 4727
extension temperature effects on properties of zinc-copper-titanium alloy, 4649
high, mechanical properties of polycrystalline hafnium carbide and hafnium carbide containing 13-volume-percent hafnium diboride, 4735
liquidus, titaniferous slag, 4651
sea surface for Gulf of Mexico, fishermen's atlas, 3918
transit, effects on market quality of lettuce shipped in nitrogen-refrigerated and mechanically refrigerated trailers, 3647
Tennent, R. C., hydraulic analysis of pipe-arch culverts, 4905
Tennessee, mineral industry, minerals yearbook chapter, 4628
Tensile strength, *see* Strains and stresses.
Termites:
soil treatment, aid in control, 3642
subterranean, prevention and control in buildings, 3638
Terrazzo, workers, employment outlook, 4484
Terrell County, Tex., geology of Comstock-Indian Wells area, 4364
Territories, health authorities, 1968, directory, 4876
Testosterone, urinary, determination by utilizing column and gas-liquid chromatography, 3714
Tetraethoxysilane, pyrolytic decomposition studies of tetraethoxysilane for obtaining high-grade SiO_2 films, 3739
Texas, mineral industry, minerals yearbook chapter, 4629
Textiles:
consumer information, publications, price list, 4868
cotton broadwoven fabrics, average weight and width of fabrics, current industrial reports, 3841
cotton broadwoven goods, current industrial reports, 3842, 3843
manmade fiber broadwoven goods—
average weight and width of fabrics, current industrial reports, 3850
current industrial reports, 3851
wool, broadwoven goods, current industrial reports, 3859
Theater of operations, *see* Combat areas.
Thermal analysis, *see* Heat.
Thermal energy, integrated life support system for aerospace application utilizing radioisotopes for thermal energy, design study, 3799
Thermal insulation, *see* Insulation.
Thermocouples, NASA contributions to development of special-purpose, survey, correction sheet, 4696
Thermodynamics:
thermodynamic properties of nitrogen and helium, and real-gas effects in critical flow thru nozzles, 4695
use of thermodynamic properties of metal-gas systems as reduced pressure standards, 4683
Thermonuclear reactions, *see* Nuclear reactions.
Thermostructural panels, *see* Panels and paneling.
Thornton, William A., structural synthesis of ablating thermostructural panel, 4662
TIAS series, 4970–78
Tidal waves, *see* Tsunami (tidal wave).
Tiles, tile setters, employment outlook, 4484
Timber:
Humboldt County, Calif., resources statistics, 4334
management policies, hearing, 4101
measurement problems, in Douglas-fir region, bibliography, 4329
1967 Oregon timber harvest, 4335
production investments under uncertainty, computer program to evaluate, 4311
Tissues, transplantation, human psychological and social aspects, annotated bibliography, 4892
Titanium:
alloys, hot-salt stress-corrosion, generation of hydrogen and its embrittling effect, 4728
zinc-copper-titanium alloy, effect of varied extrusion temperature on properties, 4649
Titanium chlorides, titanium chlorination residues, beneficiation, 4642
Titles (land), *see* Land.
To improve secondary school science and mathematics teaching, 4812
Tobacco, facts on smoking, tobacco, and health, 4880
Today, 4999
Tolls, facilities in United States, 4906
Tool makers, employment outlook, 4519
Torblaa, Richard L., effects on lamprey larvicides on invertebrates in streams, 3926
Tourist trade, potential Visit USA outlets abroad, 4996
Tourists, *see* Visitors.
Tourtelot, Harry A., stratigraphic significance and petrology of phosphate nodules at base of Niobrara formation, east flank of Black Hills, S. Dak., 4365

Town Creek:
flood plain information, 4202
floods in Pocahontas, Ark., how to avoid damage, 4209
Toxicants, *see* Poisons.
Toxicity, *see* Poisons.
Toxicology, toxic, and medicinal, fluorocarbon compounds, USSR study, 4449
Tracking, human transfer characteristics in flight and ground simulation for roll tracking task, 4734
Trade, *see* Commerce.
Trades, *see* Occupations.
Traffic managers, *see* Managers.
Trailers:
mobile homes, housing survey, 4389
nitrogen-refrigerated and mechanically refrigerated, effects of transit temperatures and modified atmospheres on market quality of lettuce, 3647
sprinkler pipe trailer, farm building plan, 3661
Training:
employment opportunities—
jobs for which apprenticeship training is available, 4605
jobs for which junior college, technical institute or other specialized training is usually required, 4609
leadership, career in Office of Education, 4188
making the scene in jobs, school, training, through Neighborhood Youth Corps, 4464
manpower development and training, preparing people for good jobs, 4465
OEO training manuals, 4152–53
see also subjects.
Training devices, Navy design manual, changes, 4818
Traitors Cove, Revillagigedo Island, Alaska, oceanographic surveys, 3927
Trajectories:
computational method for time-optimal space rendezvous, 4742
matched-conic solutions to round-trip interplanetary trajectory problems that insure state-vector continuity at all boundaries, 4705
three point-mass descent, requirements of Martian television experiment, 4749
Transducers, Coulter, use in determination of nucleopolyhedron counts and size of frequency distribtuions, 4316
Transient responses, *see* Responses.
Transients (electricity):
hydro-power plant transients, prototype measurements, Garrison and Oahe Dams, Missouri River, North and South Dakota, 4215
Transistors:
inductors for protecting power transistors against current surges in inverter bridge circuits, analysis and design, 4725
in subassemblies, effects of ultrasonic vibrations, 3738
Transitions, probabilities for Ba I and II, critically evaluated, 4769
Translations, technical, National Aeronautics and Space Administration, 4757–59
Transpiration cooling, *see* Cooling.
Transplantation (physiology):
tissue, human, psychological and social aspects, annotated bibliography, 4892
Transport airplanes, *see* Airplanes.
Transport properties, transport study of neutron and photon attention through lithium hydride and tungsten spherical media, 4719
Transportation:
census, 1963, advance and/or preliminary reports: truck inventory and use survey, 3831–32
Transportation—Continued
HUD's role in urban transportation, 4387
urban mass, study—
authorization, report, 4050
expenses, report, 4047
see also Motor carriers.
Travel agents, potential visit USA outlets abroad, 4996
Traynor, Joseph E.:
dose rate effect on LD 50/30 in mice exposed to cobalt-60 gamma irradiation, 3704
early effects of 150-Mev proton irradiation in rhesus monkeys, 3698
Trays, packaging produce in, at central warehouse, 3646
Treasury Department:
department circular, 4992
facts about U.S. money, 4993
report, 1968—
departmental edition, 4991
document edition, 3953
Secretary, nomination of David M. Kennedy, hearing, 4076
tax reform studies and proposals, 4006
Treaties:
multilateral, 1776–1917, compilation, 4979
treaties and other international acts series, 4970–78
treaties and other international agreements, 1776–1949, compilation, 4979
Trees:
calculation of tree volumes with interior defect, NETVSL computer program, 4323
nutrient cycling by throughfall and stemflow precipitation in 3 coastal Oregon forest types, 4326
shadow patterns and illumination measurements within clearstrips and irregular openings in true fir forest, 4320
Trematoda, *see* Flukes.
Tres Alamos, Ariz., plant ecology of area, 4361
Trinity River:
and tributaries, Tex., engineers report—
departmental edition, 4213
document edition, 3948
Truck drivers, *see* Motortruck drivers.
Truck mechanics, *see* Mechanics (persons).
Trucks:
inventory and use survey, advance and/or preliminary reports, 3831–32
movable pen for truck platform scale, 3653
Trusts (industrial):
antitrust laws, administration, investigation, authorization, report, 4058
expediting act, amend, hearings, 4088
Trusts and trustees, legal investments for trust funds in D.C., list, 4149
Tsunami (tidal wave):
Alaskan earthquake, 1964, engineering evaluation, 4198
Tubes, graphite heat-transfer tubes of controlled permeability to steam, scale control, phase 2, 4402
Tumors, osmotically induced coalescence of sarcoma cells through intercellular bridges in vitro, 4745
Tungsten:
alloy, W–20 percent Mo alloy fabricated by powder metallurgical methods, homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of, 4762
lithium hydride and tungsten spherical media, transport study of neutron and photon attenuation through, 4719
Tunnels, toll facilities in United States, 4906
see also Shock tunnels.
Turbines:
Brayton-cycle turbomachinery rolling-element bearings, 4666

Turbines—Continued
flow reduction due to oxidation of wire-form porous sheet for transpiration cooled turbine blades, analytical study, 4729
gas turbine engines, small, advanced high temperature combustor research, final report, 3783
lubrication in turbulent regime, 3794
Turbomachines, *see* Turbines.
Turbulent flow, *see* Flow.
Turkey, status of U.S. forces, duty certificates, agreement, 4973
Turnips, effects of prolonged reduced pressure on growth and nitrogen content, 3705
Turquoise Lake, Fryingpan-Arkansas project, impact survey, report, 4301
Two-burn escape maneuvers with intermediate coasting ellipse, 4737
Typists, employment outlook, 4556

U

U.S.S. Everglades, *see* Everglades (U.S.S.).
U.S.S.R., *see* Union of Soviet Socialist Republics.
Udell, Gilman G.:
emergency tariff laws of 1921, etc., 3940
farm relief and agricultural adjustment acts, 3941
laws relating to shipping and merchant marine, 3943
veterans laws, supplement, 3944
Un-American Activities Committee, House:
committee print, 4004
hearings, 4005
Unemployed, concentrated employment program, total service for unemployed and underemployed, 4461
Unemployment, *see* Unemployed.
Unemployment insurance, publications, price list, 4866
Uniformed services, *see* Pay, allowances, etc.
Union of Soviet Socialist Republics:
achievements in space research, 1st decade in space, 4442
developments in heavy-machine building, 4438
food production and processing, 4448
military-economic problems in political economy course, 4437
religion discussed, 4434
Russian radioecology, bibliography of Soviet publications with citations of English translations and abstracts, 3808
serials, half century 1917–68, published in USSR, list, 4612
U.S.S.R. vs. U.S.A., changing strategic naval balance, 3984
United States:
NOTE.—For all subjects pertaining to the United States, except its government, general history, and description, *see* such subjects.
people of rural America, 3862
state of the Union message from President Johnson, 3951
U.S.S.R vs. U.S.A., changing strategic naval balance, 3984
United States Army Service Center for Armed Forces, USASCAF pamphlet, 3786
United States Information Agency, director, nomination of Frank J. Shakespeare, Jr., hearing, 4080
United States reports, *see* Supreme Court.
United strategy for crime control, 4459
University of Georgia, preparation of elementary teachers, educational model specifications, 4172
Unmarried persons:
services to unmarried parents—
effective patterns (speech), 3865
national trends (speech), 3866
Upholsterers:
automobile, employment outlook, 4478
furniture, employment outlook, 4511
Uranium:
deposits in Mexico, 3807
eluting uranium from ion exchange resins with improved Eluex process, 4648
Urban areas, *see* Cities and towns.
Urban planners, *see* City planners.
Urban planning, *see* Redevelopment (city planning, etc.).
Urban policy, *see* Redevelopment (city planning, etc.).
Urban renewal, *see* Redevelopment (city planning, etc.).
Urea, consumed by cattle on feed, 1965–66 feeding year, 4154
Urinalysis, *see* Urine.
Urine:
testosterone, determination by utilizing column and gas-liquid chromatography, 3714
urinary ammonia, automated microanalysis, 3700
Uruguay, economics, basic data, 3903
USAFI, *see* Armed Forces Institute.
USASCAF pamphlet, 3786
USDA, *see* Agriculture Department.
Using volunteers in court settings, manual for volunteer probation programs, 4931
USSR, *see* Union of Soviet Socialist Republics.
Utah, Sunnyside coal, use of antifissurants in making better coke from, 4653
Uzbek Soviet Socialist Republic, Academy of Sciences, foundation and development, 4447

V

Vaaler, L. E., scale control with graphite heat-transfer tubes of controlled permeability to steam, phase 2, 4402
Vacuum:
high-voltage breakdown in vacuum, statistical experiment, design and analysis, 3742
vacuum of rate-of-rise outgassing measurement technique, experimental study, 4711
Vallen, Preston, higher education amendments of 1968, 4174
Value engineering, Defense Department in-house conference, role of value engineering in support of defense management objectives, 4127
Val Verde County, Tex., geology of Comstock-Indian Wells area, 4364
Valves, general purpose, and drain cocks, Federal item identification guide, 4131
Vanadium, electrorefined vanadium, some strain-aging effects, 4643
Van Cleave, Charles D., late somatic effects of ionizing radiation, 3812
Van Hue Nguyen, *see* Nguyen, Van Hue.
Van Ness, William J., national policy for environment, 4086
Van Staveren, Theodore D., conferring citizenship posthumously, 4037
Variance analysis, tables of bias functions, B_1 and B_2, for variances based on finite samples of processes with power law spectral densities, 4765
Vectors (mathematics):
matched-conic solutions to round-trip interplanetary trajectory problems that insure state-vector continuity at all boundaries, 4705
Vegetables, match supply with demand to market vegetables successfully, 4104
Vehicles, land, and animal draft appliances, classification definitions, 4843

Velocity:
boundary effects of uniform size roughness elements in two-dimensional flow in open channels, 4214
convected balanced arc, experimental and theoretical analysis, 4681
hypervelocity impact analysis by the method of characteristics, 4754
Vending machine mechanics, *see* Mechanics (persons).
Veneer logs, *see* Logs.
Venezuela, capsule facts for Armed Forces, 3722
Ventilation, face, in underground bituminous coal mines, 4644
Vessels, *see* Tankers.
Veterans:
benefits for veterans with service since Jan. 31, 1955, and their dependents, 4998
disabled, benefits, 5000
laws, compilation, supplement, 3944
servicemen's group life insurance conversion, 5001
today, VA help for recently discharged veterans, 4999
Veterans Administration:
career opportunities, dentistry, 4997
medical technologist, examination announcement, discontinuance notice, 3874–75
today, VA help for recently discharged veterans, 4999
VA pamphlets, 4997–5001
Veterinarians, employment outlook, 4564
Veterinary zoology, *see* Zoology.
Vibration:
free, and some equilibrium problems associated with centrifugally stabilized disk and shell structures, errata, 4660
method for predicting launch vehicle vibration levels in region of space craft adaptor, 4665
modes and frequencies of orthotropic thin shells of revolution, having general meridional curvature, method for computation, 4710
shock and vibration bulletins, 4144–45
supersonic, effects on transistors in subassemblies, 3738
Vice President of United States, salary reform for top officials, recommendations, message from the President, 3971
Vietnam, bibliography, 4426
Violence, Causes and Prevention, National Commission on, *see* National Commission on Causes and Prevention of Violence.
Viruses:
nucleopolyhedron counts and size frequency distributions, determination by means of Coulter Transducer, 4316
virus-cancer research, 4784
Visitors:
international, plant tours for welcoming to U.S., list, 4995
potential Visit USA outlets abroad, 4996
Visual acuity, *see* Acuity.
Vitamins, ascorbic acid supplementation effect on tooth mobility, 3711
Vocational counselors, *see* Counselors.
Vocational guidance, employment outlook for tomorrow's jobs, 4472
Vocational rehabilitation, *see* Rehabilitation of the disabled.
Voltages, high-voltage breakdown in vaccum, design and analysis of statistical experiment, 3742
Volume and yield tables, NETVSL computer program for calculation of tree volumes with interior defect, 4323
Volunteer workers:
Michigan minimum wage campaign, role of volunteer organizations, 5007
utilizing in court settings, volunteer probation programs, manual, 4931
Voress, Hugh E., science and society, bibliography, 3809
Vortman, L. J., close-in air blast from cratering nuclear detonation in rhyolite, 3804
V/STOL (vertical or short takeoff and landing), *see* Aircraft.

W

Wage chronology, *see* Wages.
Wages:
area survey—
Allentown-Bethlehem-Easton, Pa.-N.J., 4592
Boston, Mass., 4602
Davenport-Rock Island-Moline, Iowa-Ill., 4603
Kansas City, Mo.-Kans., 4604
Little Rock-North Little Rock, Ark., 4599
Oklahoma City, Okla., 4598
Raleigh, N.C., 4601
Scranton, Pa., 4600
chronology, 1924–68, Federal classification act employees, 4596
employee earnings, June 1966 retail trade, 4593
fair labor standards act—
eating and drinking places, study of effects of $1.00 minimum, 1968 report, economic effects studies, 5003
minimum wage standards, 1968 report, 5004
Federal classification act employees, 1924–68, 4596
industrial survey—
hosiery, 4591
men's and boys' suits and coats, 4594
Michigan minimum wage campaign, role of volunteer organization in legislative process, 5007
work incentive program, from welfare to wages, 4467
Wall, Brian R., 1967 Oregon timber harvest, 4335
Wallace, L. E., resistance of varieties of Portuguese wheat, triticum aestivum L. em Thell to wheat stem sawfly, 3619
War, Communist wars of national liberation, 3731
War Department, United States Army in World War II, global logistics and strategy, 4618
Warehouses:
central, packaging produce in trays, 3646
refrigerated, capacity, 4980
warehouse acts, compilation, 3939
Warfare, *see* Guerrilla warfare.
Warner, John D., fundamental study of predictive display systems, 4684
Washington, D.C., *see* Capital of United States—District of Columbia.
Washington National Airport, air traffic, forecasts, 1968–74 fiscal years, 4249
Washington State:
electric rate book, 4269
western Capital Forest, spring-season deer browsing of Douglas-fir, 4315
Waste disposal, *see* Sewage—Waste disposal.
Waste products:
activated sludge process for recycling of human wastes, microbiologic studies, 3696
batch-feeding studies on high-solids activated sludge for treating human waste, 3708
District of Columbia incinerator project, special studies, 4899
solid wastes demonstration grant projects, 1968, summaries, 4901
Watch repairmen, *see* Watchmakers.
Watches, *see* Clocks and watches.
Watchmakers, repairmen, employment outlook, 4565

Water:
atmospheric water resources program, Project skywater, optimization of operational, weather modification, conference proceedings, 4909
demineralization, electrosorption and desorption process, 4404
electro-optical method for proving surface nature of rigid electric dipole of arbitary colloidal particles, USSR study, 4435
emergency aircraft procedures over water, 3887
ground water, management, scientific or rule-of-thumb techniques, which will prevail? 4356
resources—
California, 4369
cooperative research and training, report, 4394
investigations, selected techniques, 4372
research, 1969 Federal program, 4919
technical publications, 4910
saline water research and development progress reports, 4396–4405
sewage effluent as agricultural water resources, bibliography, 4287
streams, interstate and international, use and control of waters, compacts, etc., 3946
supply and sea resources program, Northeast Marine Health Sciences Laboratory, collected reprints and resume, 4903
use, 1965 estimate, 4355
waste-water renovation, feasibility of granular, activated-carbon adsorption, 4879
water of the world, 4368
water supply and pollution control, environmental health series, 4879
water supply papers, 4370–72
Water pollution:
agriculture-related pollution control, report, 3634
environmental measurements, valid data and logical interpretation, symposium, 4878
water supply and pollution control, environmental health series, 4879
Water Users Association, directory of reclamation projects, 4907
Waterways Experiment Station:
miscellaneous papers, 4214
technical reports, 4215
Waterweeds, common aquatic weeds, 3632
Watson, J. Throck, simplified determination of urinary testosterone utilizing column and gas-liquid chromatography, 3714
Watson, W. Marvin, address, Jan. 17, 1969, 4851
Watt, Lois B., adult basic education, bibliography from Educational Materials Center, 4160
Waveguides, aperture-limited dominant beam mode of lens-type beam waveguide, radiation characteristic, 3740
Waves, *see* Shock waves.
Waybill statistics, *see* Railroads.
Ways and Means Committee, House, committee print, 4006
WB/BC series, 4224
Weapons:
control, engineering design handbook, 3736
individual, ROTC manual, change, 3774
Wear, *see* Friction.
Weather control:
Air Weather Service, 1968 weather modification program, final report, 3688
optimization of operational weather modification, Project Skywater, conference proceedings, 4909
Weather modification, *see* Weather control.
Weeds, *see* Waterweeds.
Weertman, Johannes, diffusion law for dispersion of hard particles in ice matrix that undergoes simple shear deformation, 3744
Weevils, boll weevil, anthonomus grandis Boh, abstracts of research publications, 3651
Weidner, John P., preliminary investigation of momentum diffusion between 2 supersonic airstreams in presence of shock waves, 4712
Weightlessness, and artificial gravity, potential problems, 4715
Weights and measures, *see* Metric system.
Welcome to Washington, 4808
Welders, employment outlook, 4566
Weldon, L. W., common aquatic weeds, 3632
Welfare funds, welfare and pension plans disclosure act, administration, 1968, report of Secretary of Labor, 4460
Welfare work, *see* Social work and problems.
Weltman, Gershon, NASA contributions to bioinstrumentation systems, survey, 4698
Werner, Elliot, basic data on economy of Uruguay, 3903
West (U.S.):
snow survey and soil moisture measurements, 4942
West Germany, *see* Germany.
West North Central States, *see* Central States.
West Virginia, mineral industry, minerals yearbook chapter, 4630
Western hemlock, *see* Hemlock.
Western States, *see* West (U.S.).
Westmoreland County, Pa., soil survey report, 4944
Wheat, Portuguese, resistance to wheat stem sawfly, 3619
Wheat stem sawflies, *see* Flies.
White, Doss, H., jr., mineral industry of Tennessee, 4628
White, Richard E., review of genus Cryptocephalus in America north of Mexico (Chrysomelidae: Coleoptera), 4793
White cedar, *see* Cedar.
White collar workers, Federal, occupations, Oct. 31, 1967, list, 3885
White Mountains, California and Nevada, desert flooding, sequential study, 3760
White pine, *see* Pine.
Whiteman, Marjorie M., digest of international law, 4962
Whitmarsh, Charles L., jr.:
1-megawatt reactor design for Brayton-cycle space power application—
neutronics design, 4740
thermal analysis and core design, 4739
Wholesale trade, salesmen and saleswomen, employment outlook, 4546
Wilderness areas:
designate, Lincoln Back Country Wilderness in Montana, proposal, hearing, 4085
Mission Mountains primitive area, Missoula and Lake Counties, Mont., mineral resources, 4350
studies related to wilderness primitive areas (series), 4350
Wildlife, fish and wildlife act of 1956, as amended, text, 3919
Wildlife refuges:
national, southeast region 4, general information, 4946
refuge leaflets, 4946–47
Willamette National Forest, designate Mount Jefferson Wilderness, report, 4046
Willis, Edward A., jr., two-burn escape maneuvers with intermediate coasting ellipse, 4737
Wilson, Basil W., tsunami of Alaskan earthquake, 1964, engineering evaluation, 4198
Wilson, David J., sensitivity of the creep-rupture properties of nickel-base superalloy sheet to sharp edge-notches in temperature range of 1000°–1400°, 4679

Winard, Arno T., trends in social and economic conditions in metropolitan areas, 3860
Wind tunnels:
full-scale wind-tunnel investigation of static longitudinal and lateral characteristics of light twin-engine airplane, 4716
investigation to improve low-speed longitudinal stability at high lift of supersonic transport with varaible sweep wings, 4733
study of deflected-elevator flutter encountered on t-tail airplane, 4746
Windward Islands:
Bredin-Archbold-Smithsonian Biological Survey of Dominica, 4796
myxomycetes, from Dominica, 4796
Wings (aircraft):
delta, slender sharp-edge, in ground proximity, lift and drag, prediction, 4704
large semispan tilting wing, etc., aerodynamic data, 4741
Wire, as rocketsonde temperature sensors in mesosphere, theoretical comparison, 4688
Wiring, *see* Electric wire and wiring.
Wisconsin, northern white-cedar gross basal area growth is independent of stand density over wide range, 4307
Witchcraft, from witchcraft and sorcery to head shrinking, society's concern about mental health, 4881
Witmer ,T. Richard, documents on use and control of waters on interstate and international streams, etc., 3946
Wives, working, their contribution to family income, 5008
Women:
job patterns in private industry, 4226
professional and technical positions, fact sheet, 5006
women's bathing and swimming costume in United States, 4792
Wood, Gordon H., jr., systematic jointing in western part of anthracite region of eastern Pennsylvania, 4351
Wood, Robert C., remarks, Oct. 24, 1968, 4391
Wood:
dividends from research, list of publications, 4297
exposed, influence of design in buildings of Puget Sound area, 4302
needs of future, hearing, 4101
sections exposed to fire, simplified test for adhesive behavior in, 4305
Woods, *see* Forests and forestry.
Woodworking, glues, selection and properties, 4303
Wool:
broadwoven goods, current industrial reports, 3859
fabrics, Tariff Commission report, 4985
Work:
incentive program, from welfare to wages, 4467
workdown structures for defense materiel items, military standard, 4135
Work injuries, *see* Injuries.
Workers, *see* Labor.
Working forest, 4336
Working wives, their contribution to family income, 5008
Workmen's compensation, *see* Employer's laibility and workman's compensation.
Workshops, 7th workshop meeting on public welfare and statistics, methodology for today's tasks, proceedings, Aug. 27–30, 1967, San Francisco, Calif., 4032
World, *see* Earth.
World military expenditures and related data, 3734
World War, 1914–18, *see* European War, 1914–18.
World War, 1939–45, United States Army in World War II, global logistics and strategy, 4618
Woven goods, *see* Textiles.
Writers, *see* Authors.
Writing paper, white and colored, Federal standard, cancellation, 4284
Wynne, E. Staten, unique altitude chamber for infectious disease research under aerospace profiles, 3702
Wyoming Irrigation Council, annual meeting, proceedings, 4908

X

X-ray technicians, medical employment outlook, 4524
X-rays:
angular positions of X-ray emission lines of elements for common analyzing crystals, 4621
S-2-(3-aminopropylamino) ethyl phosphorothioic acid hydrate as radioprotectant in rodents and primates, 3716
studies of coals and carbonaceous materials, 4619

Y

Yakowitz, H., standard reference materials, homogeneity characterization of NBS spectrometric standards, preparation and microprobe characterization of W–20 percent Mo alloy fabricated by powder metallurgical methods, 4762
Yarn, cotton-dacron blended, mechanics of rupture, 3757
Yaw, roll and yaw, compensation, feasibility study, 4661
Yearbooks:
minerals, 1967, metals, minerals, and fuels—
deparamental edition, 4633
document edition, 3945
Yellow lens testing, laboratory study, 3701
Yeloushan, Charles C., mineral industry of Pennsylvania, 4626
Yochelson, Ellis L., Teilchispira, new Early Ordovician gastropod genus, 4367
Yolles, Stanley F., from witchcraft and sorcery to head shrinking, society's concern about mental health, 4881
Yost, Charles A., human race in aircraft emergencies, 4678
Young, Soon-Hie Cho, relief, 4027
Young people, *see* Youth.
Young workers, *see* Youth.
Youth:
disadvantaged, making the scene in jobs, school, training, through Neighborhood Youth Corps, 4464
disadvantaged young men prepare for well-paying careers in maritime fleet, training program for cooks, bakers and butchers, 4195
Nation's youth, chart book, 3867
school continues for pregnant teenagers, 4185
Yugoslavia, background notes, 4959

Z

Zambia:
economy, basic data, 3901
mineral industry, minerals yearbook chapter, 4631
Zaretsky, Erwin V., rolling-element bearing life from 400 to 600 F., 4730
Zellinger, John E., preparation characteristics of coal from Clay, Gilmer and Lewis Counties, W. Va., 4638
Zellars, Glenn R., evaluation of results of round robin analysis for oxygen in potassium and sodium, 4709
Zeller, H. D., geology of Oregon Buttes area, Sweetwater, Sublette, and Fremont Counties, southwestern Wyoming, 4348

Zimmermann, Robert C., plant ecology of arid basin Tres Alamos-Redington area southeastern, Ariz., 4361
Zinc, copper-titanium alloy, effect of varied extrusion temperature on properties, 4649
Zoology, medical and veterinary, index catalogue, 3626
Zotter, Bruno, azimuthally dependent modes on uniform, solid electron beams, 3741

Order Blank

To Superintendent of Documents,
Government Printing Office,
Washington, D.C. 20402

Date _____, 19____

Your name _____

Street address _____

City, State, and ZIP Code _____

Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order *only* publications indicated by a star (*) preceding the list price.

For Use of Supt. of Docs.

_____ Enclosed _____

_____ To be mailed later _____

_____ Subscriptions _____

Refund _____

Coupon refund _____

Postage _____

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT	
			Total, $	

For additional space use other side.

For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U.S. GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

RETURN AFTER FIVE DAYS

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

Name _____

Street Address _____

City, State, and ZIP Code _____

Additional space for your order

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT	

Do not write in space below | **Total, $** ______

GOVERNMENT PRINTING OFFICE BOOKSTORES

In addition to the mail-order service provided by the office of the Superintendent of Documents, Government Printing Office, for the sale of those publications listed in the Monthly Catalog with an asterisk (*) and price, there are also seven retail bookstores which constitute a part of the operations of that office. The locations of these stores are shown below:

Government Printing Office
710 North Capitol Street
Washington, D.C. 20402
Telephone: Area code 202—783-3238

Department of Commerce, Lobby
14th and Constitution Avenue NW
Washington, D.C. 20230
Telephone: Area code 202—WOrth 7-3527

USIA Building, 1st floor
1776 Pennsylvania Avenue NW
Washington, D.C. 20547
Telephone: Area code 202—DUpont 3-2898

Department of State Building, 1st floor
21st and C Streets NW
Washington, D.C. 20520
Telephone: Area code 202—DUpont 3-4004
(Public access to building controlled by security regulations.)

Chicago Branch
Room 1463—14th floor
Federal Office Building
219 South Dearborn Street
Chicago, Illinois 60604
Telephone: Area code 312—353-5133

Kansas City Branch
Room 135, Federal Office Building
601 East 12th Street
Kansas City, Missouri 64106
Telephone: Area code 816—374-2160

San Francisco Branch
Room 1023, Federal Office Building
450 Golden Gate Avenue
San Francisco, California 94102
Telephone: Area code 415—556-6657

NL OCT 44053
UNIV MICROFILMS INC
ATT MR H HOMES LIBRARIAN
300 NORTH ZEEB RD
ANN ARBOR MIC 48106

UNITED STATES
GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE